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ORDER NO. VQ57005

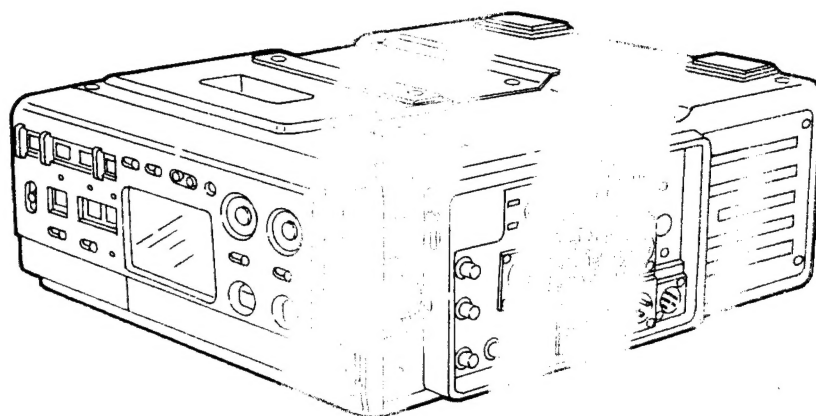
Panasonic



PORTABLE DIGITAL CASSETTE RECORDER

AJ-D320 ^P_E

Operating Instructions & Service Manual



Broadcast Systems

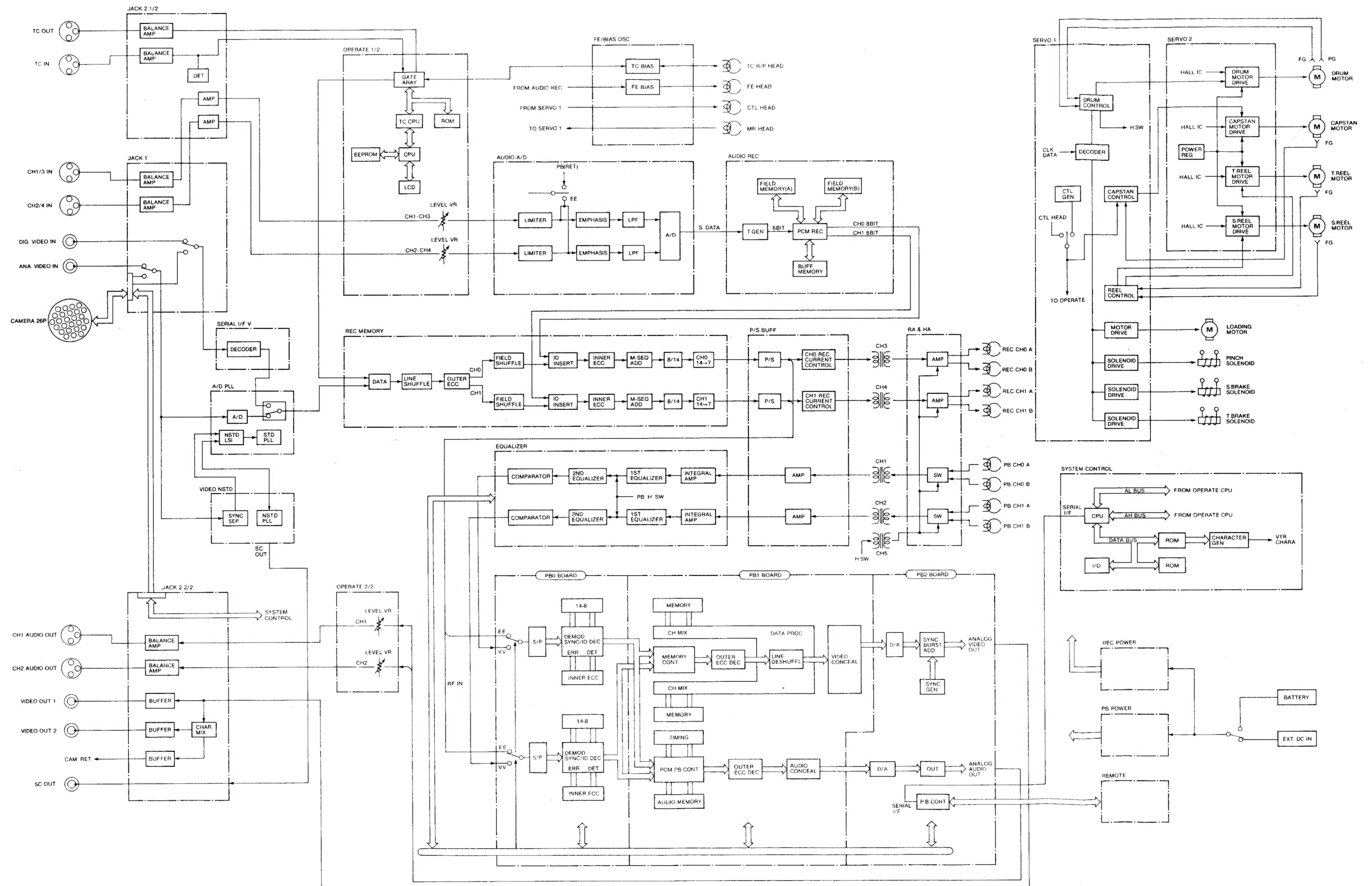
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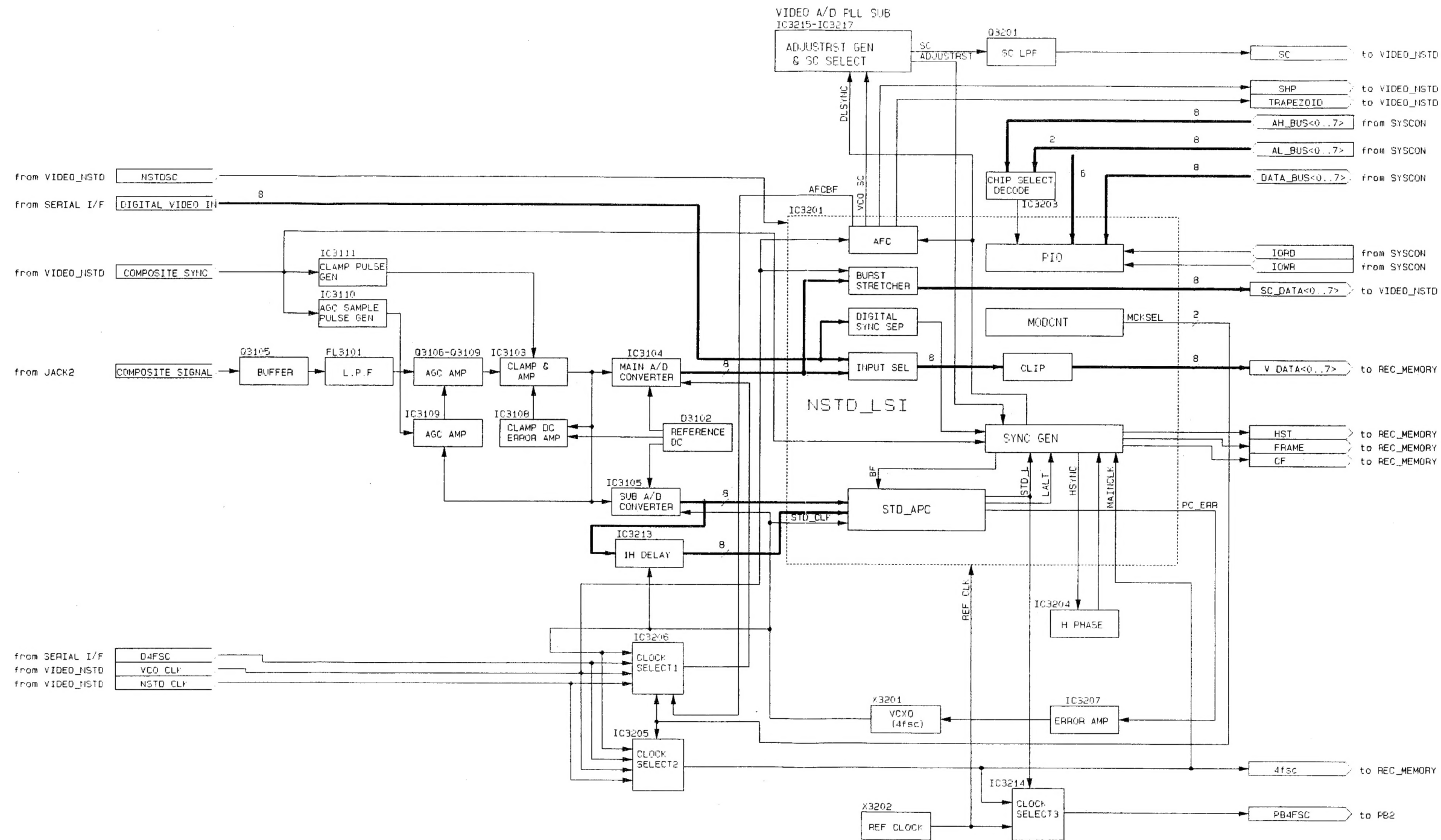
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DC INPUT SW P.C.BOARD	SCM-119
HEAD PHONE P.C.BOARD	SCM-119

OVER ALL BLOCK DIAGRAM

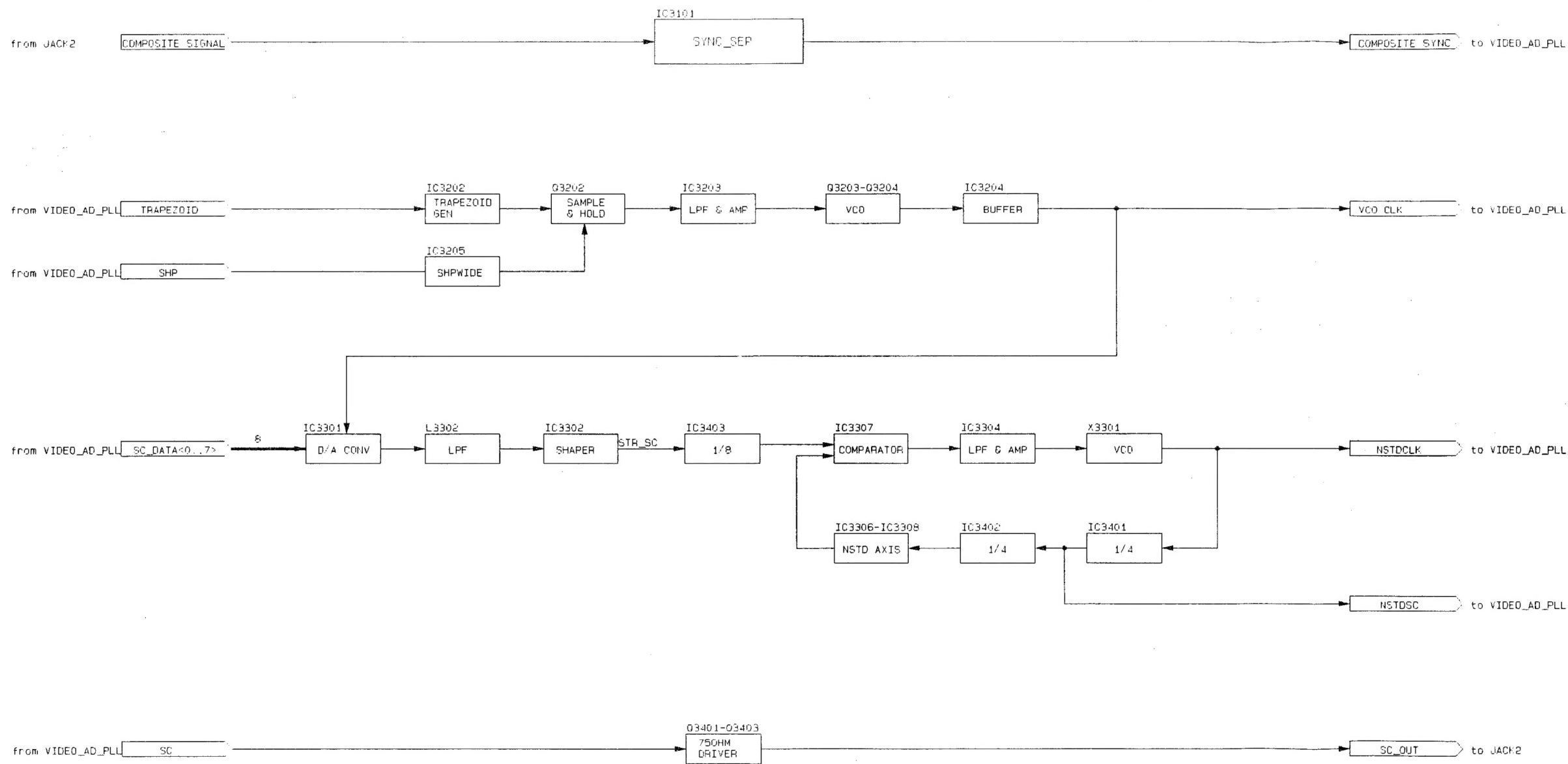


VIDEO A/D PLL BLOCK DIAGRAM

VIDEO A/D PLL BLOCK DIAGRAM



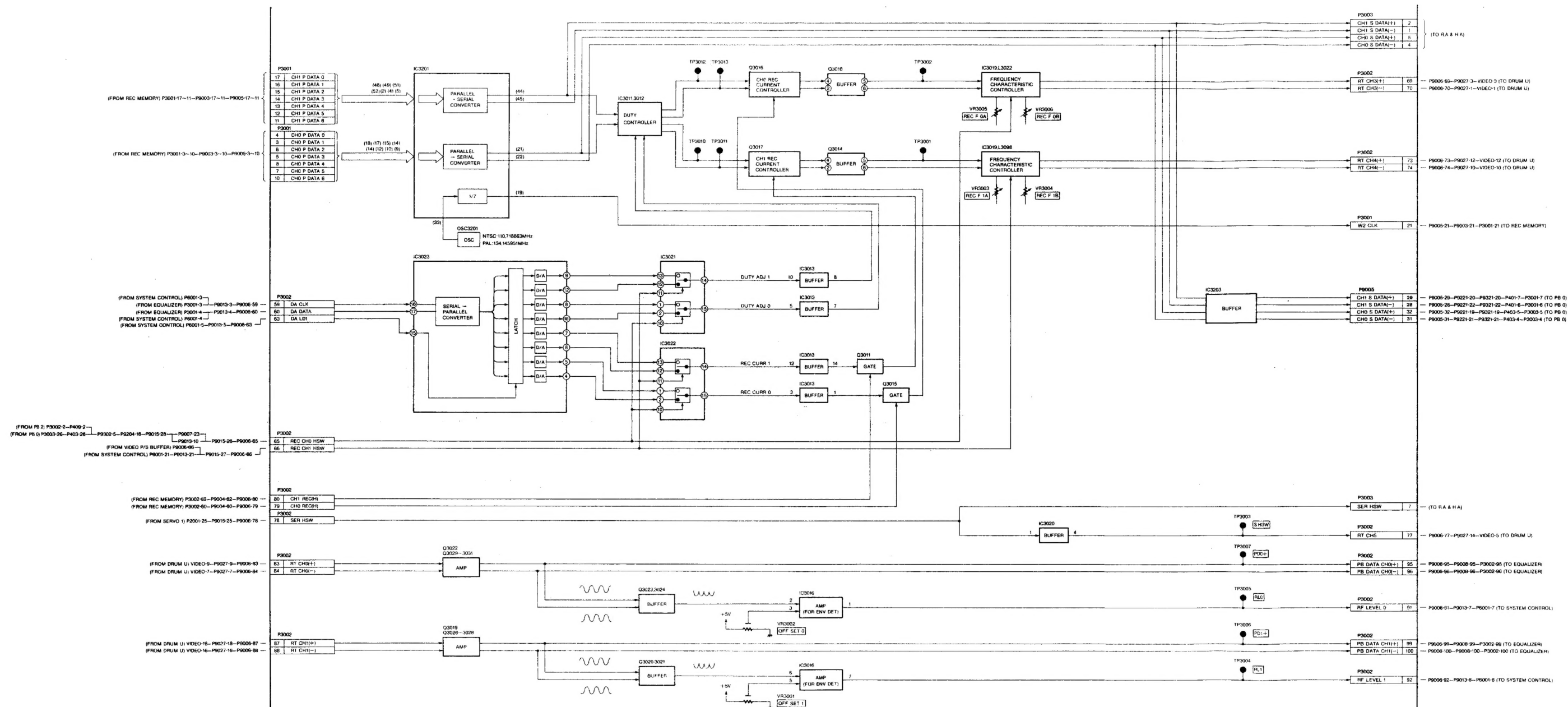
VIDEO NSTD BLOCK DIAGRAM



REC MEMORY BLOCK DIAGRAM

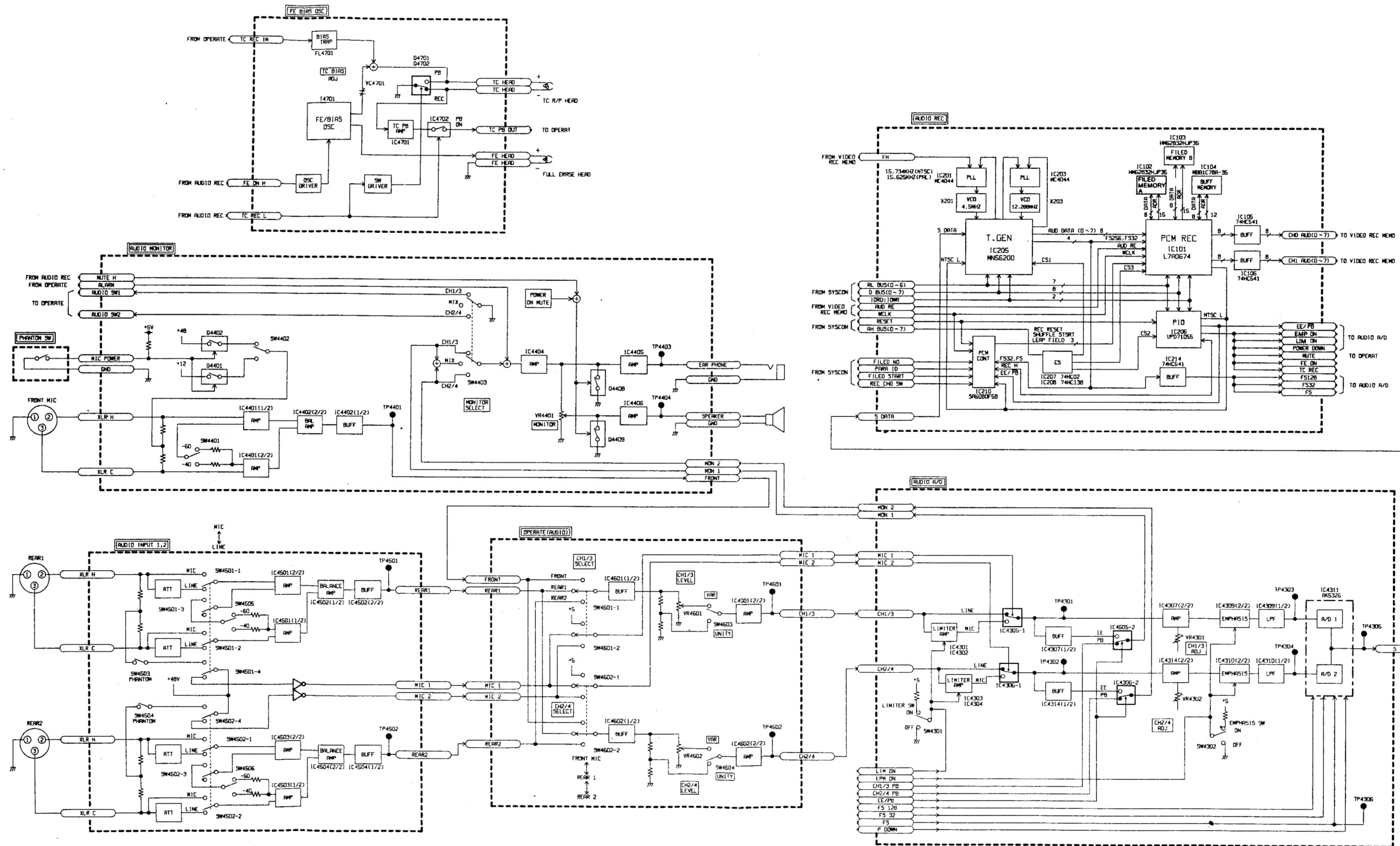


VIDEO P/S BUFF BLOCK DIAGRAM



AUDIO BLOCK DIAGRAM

AUDIO BLOCK DIAGRAM

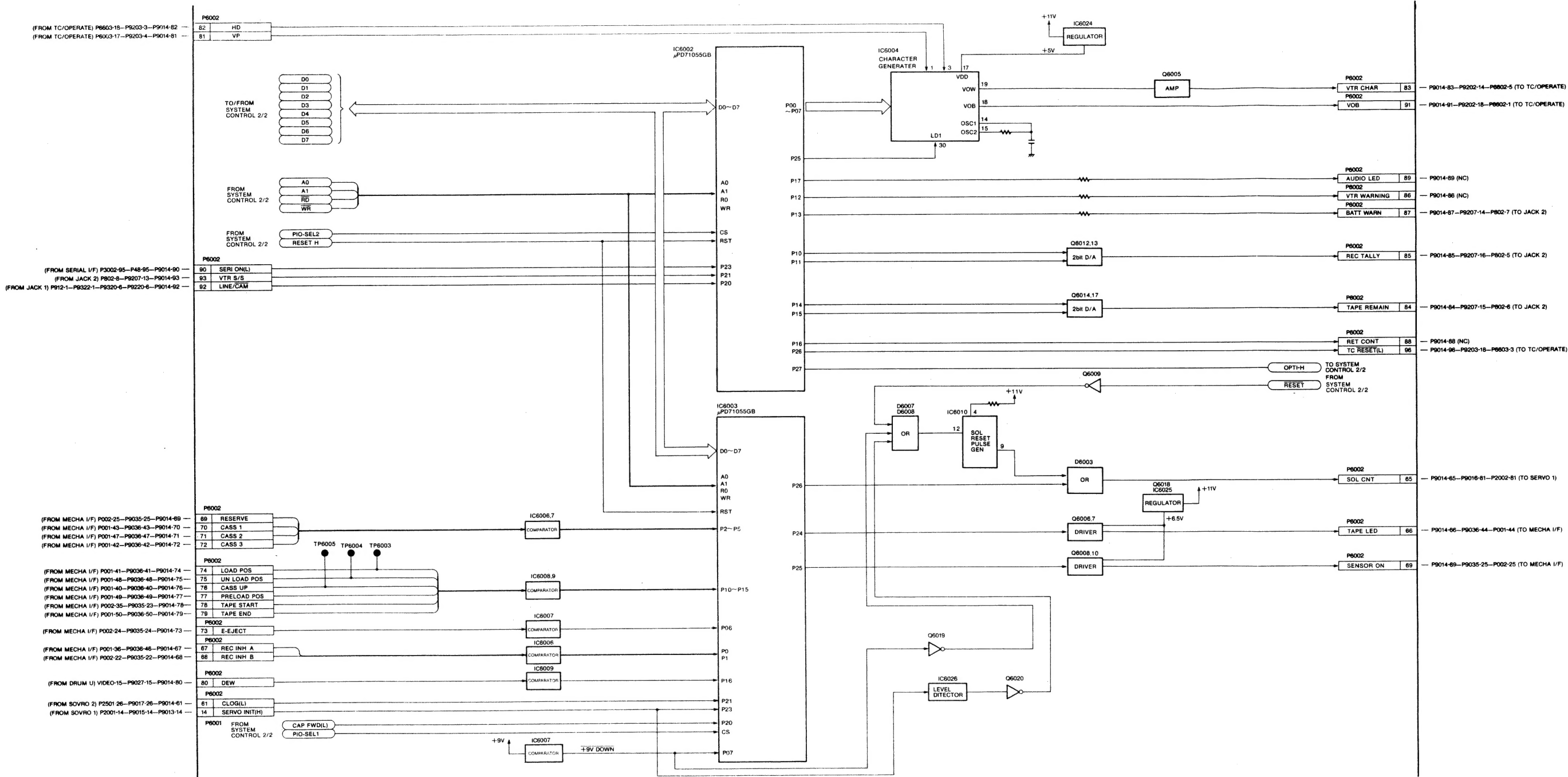


REVERSE SIDE VIDEO P/S BUFF BLOCK DIAGRAM

BLK-6

BLK-6

SYSTEM CONTROL BLOCK DIAGRAM 1/2

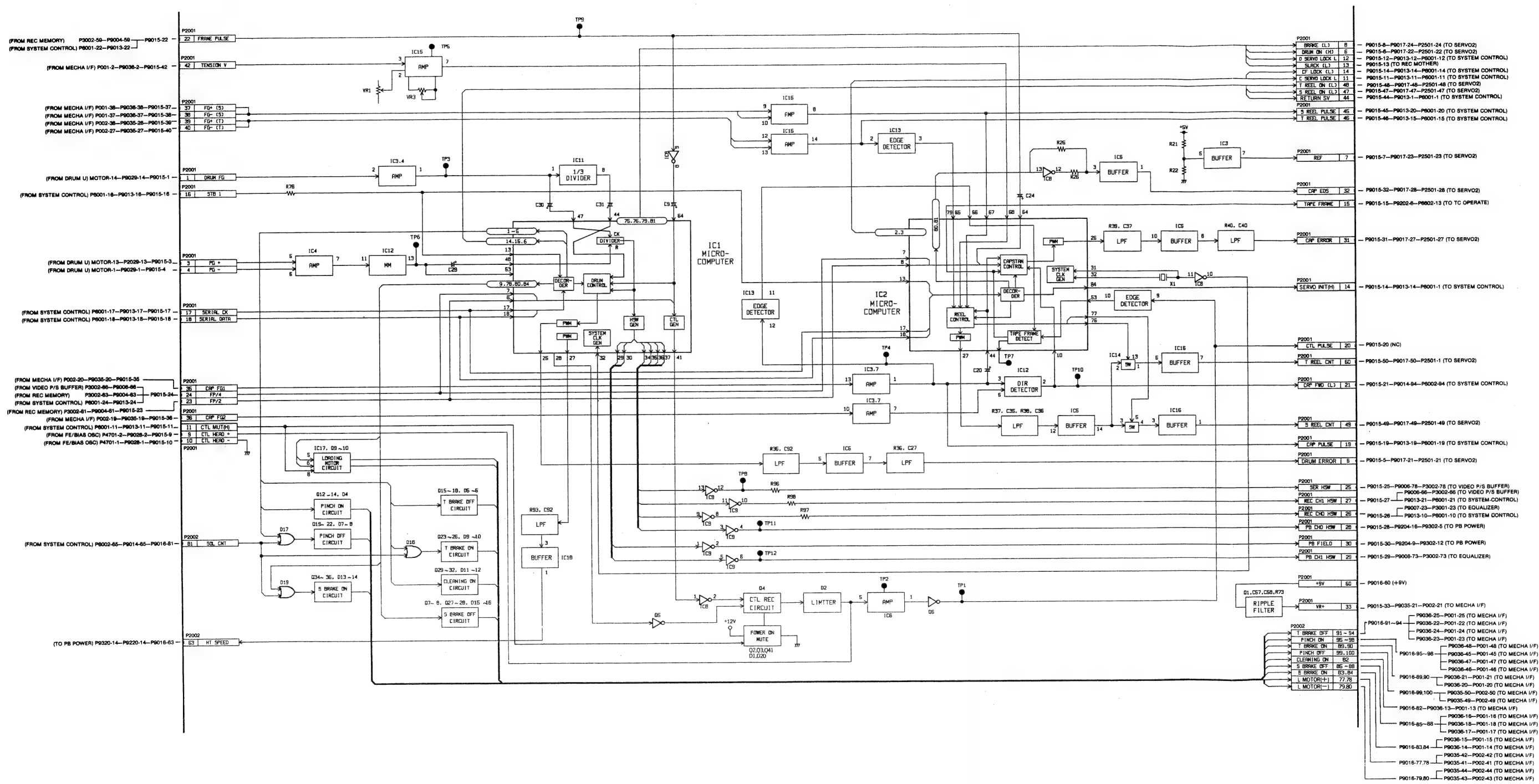


SYSTEM CONTROL BLOCK DIAGRAM

BLK-8

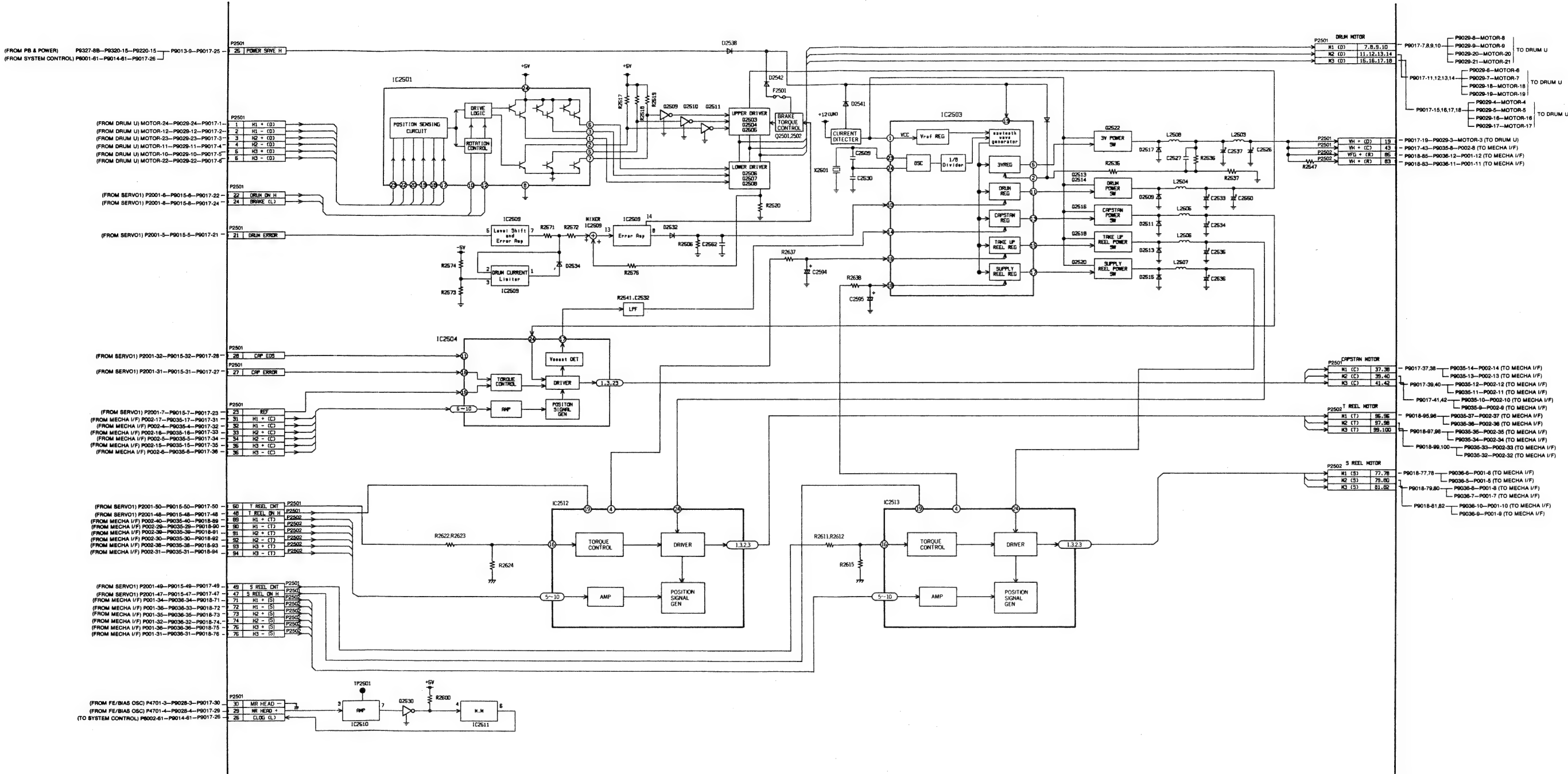


SERVO 1 BLOCK DIAGRAM



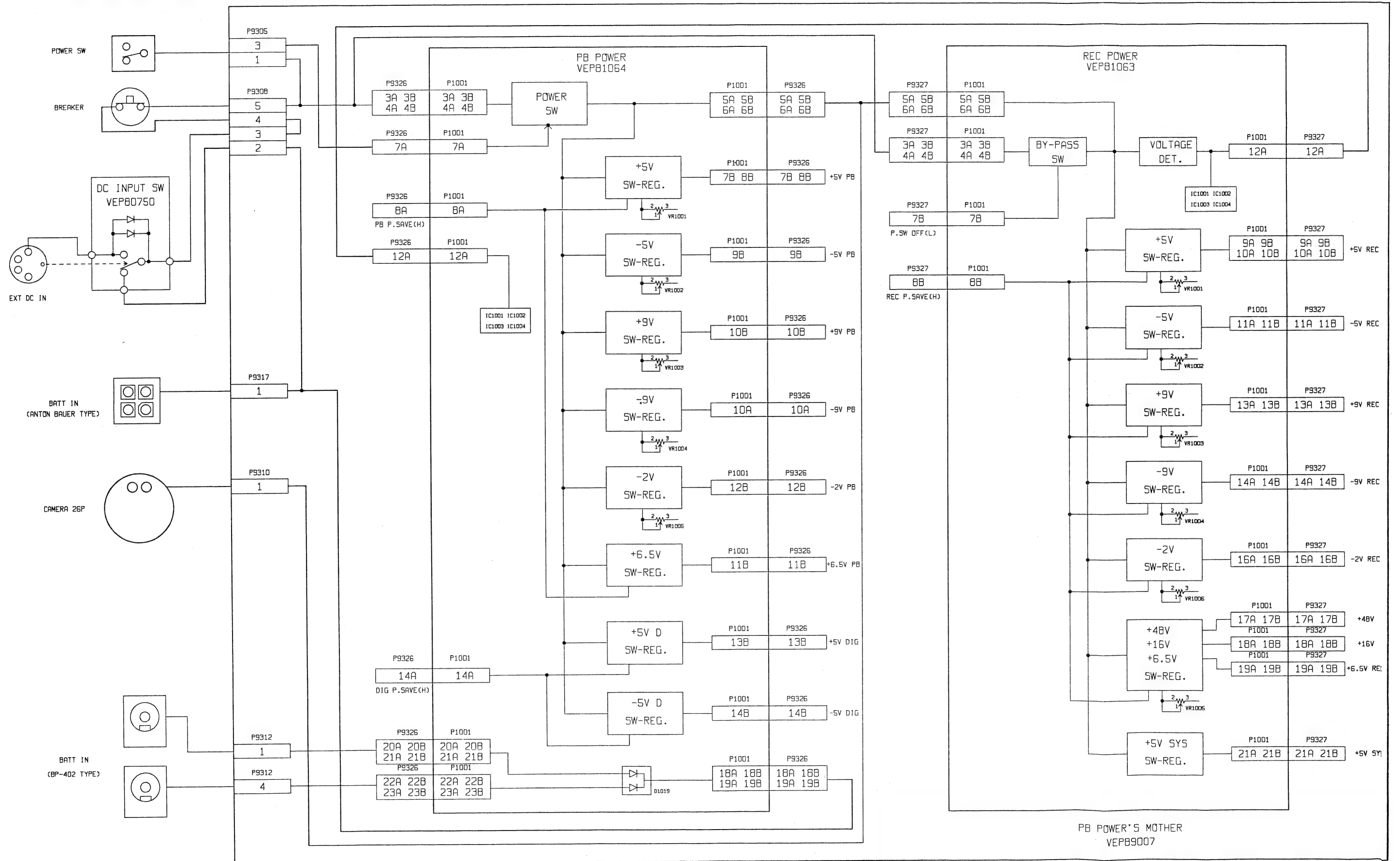
SERVO 2 BLOCK DIAGRAM

SERVO 2 BLOCK DIAGRAM



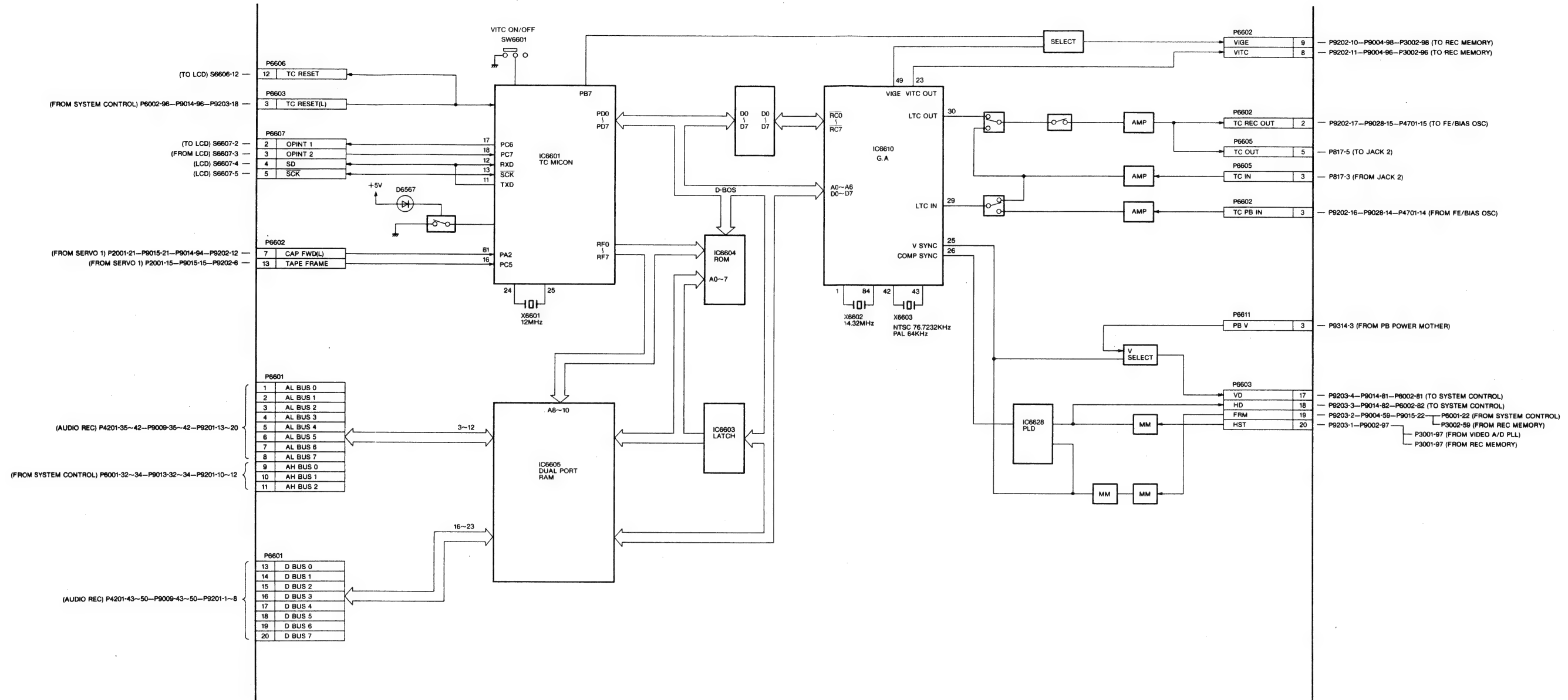
REVERSE SIDE SERVO 1 BLOCK DIAGRAM

POWER BLOCK DIAGRAM



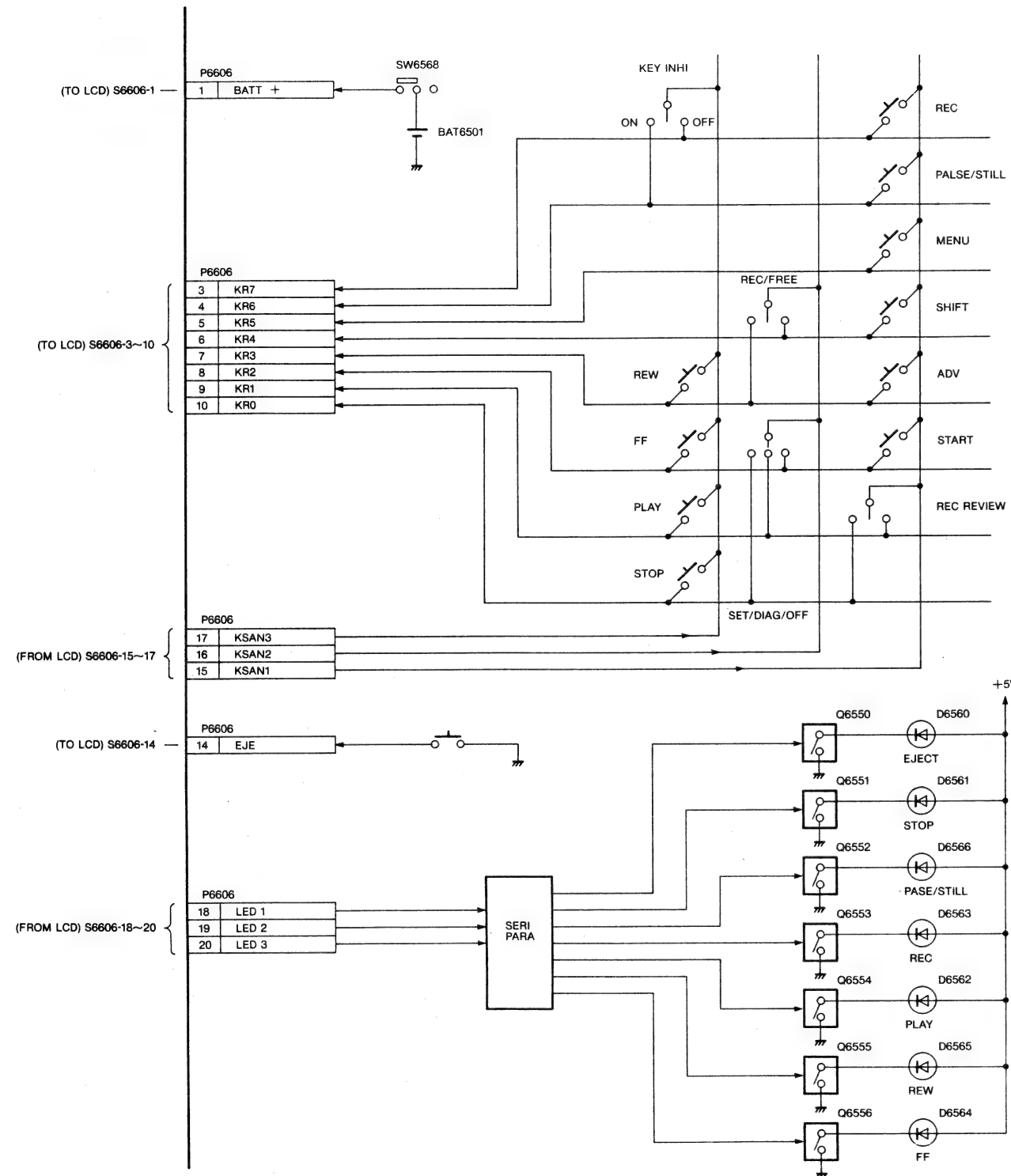
TC & OPERATE BLOCK DIAGRAM

TC & OPERATE BLOCK DIAGRAM 1/3

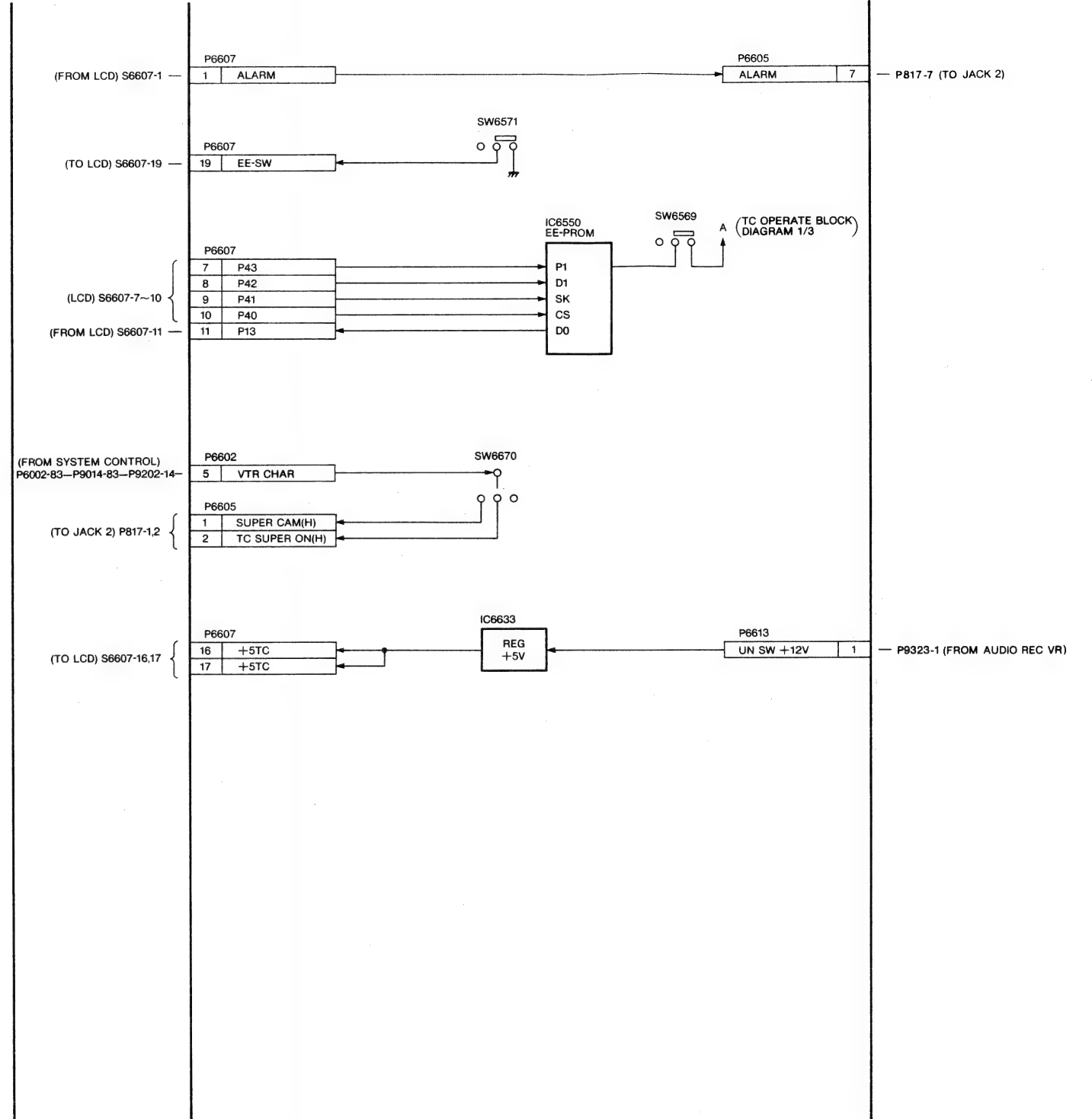


REVERSE SIDE POWER
BLOCK DIAGRAM

TC & OPERATE BLOCK DIAGRAM 2/3

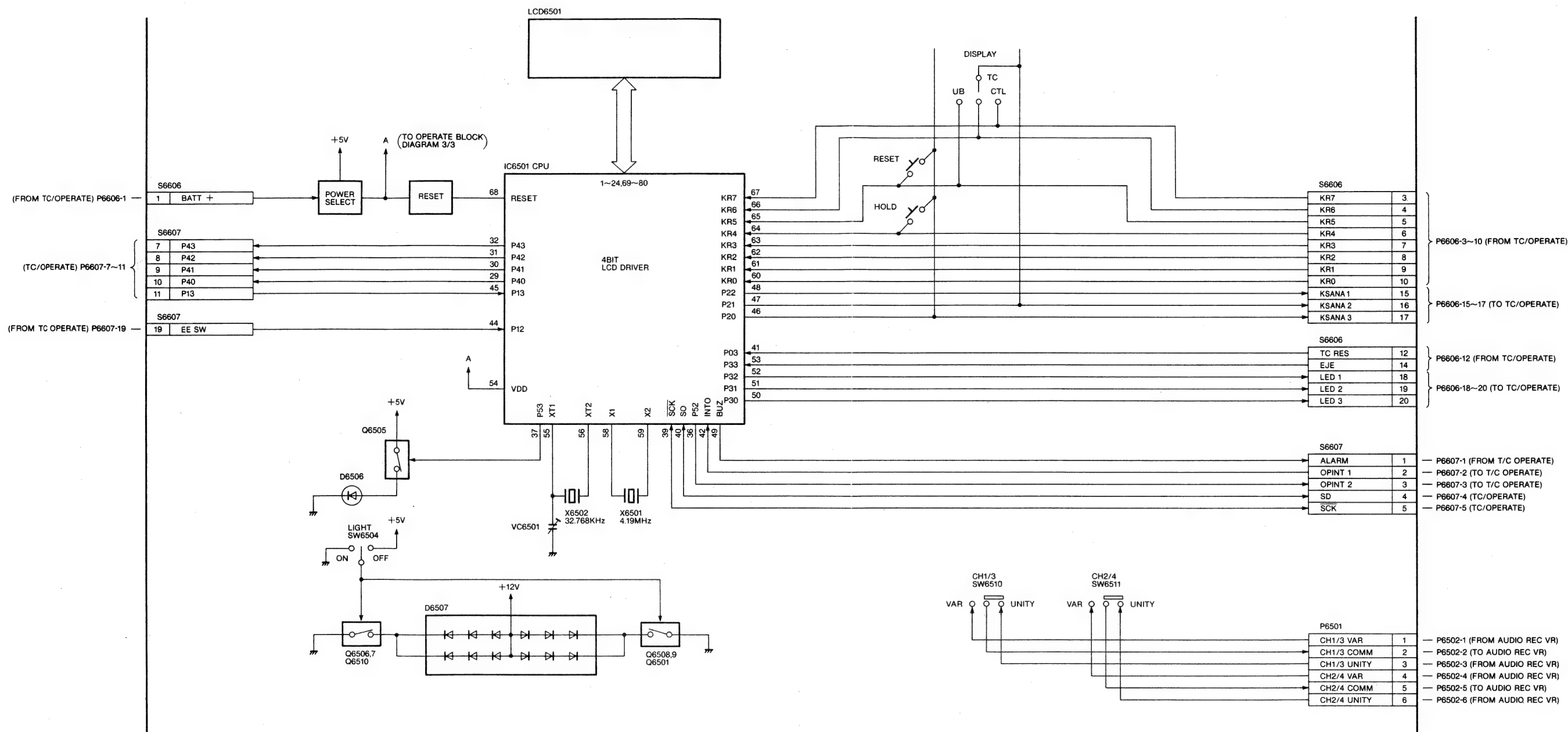


TC & OPERATE BLOCK DIAGRAM 3/3



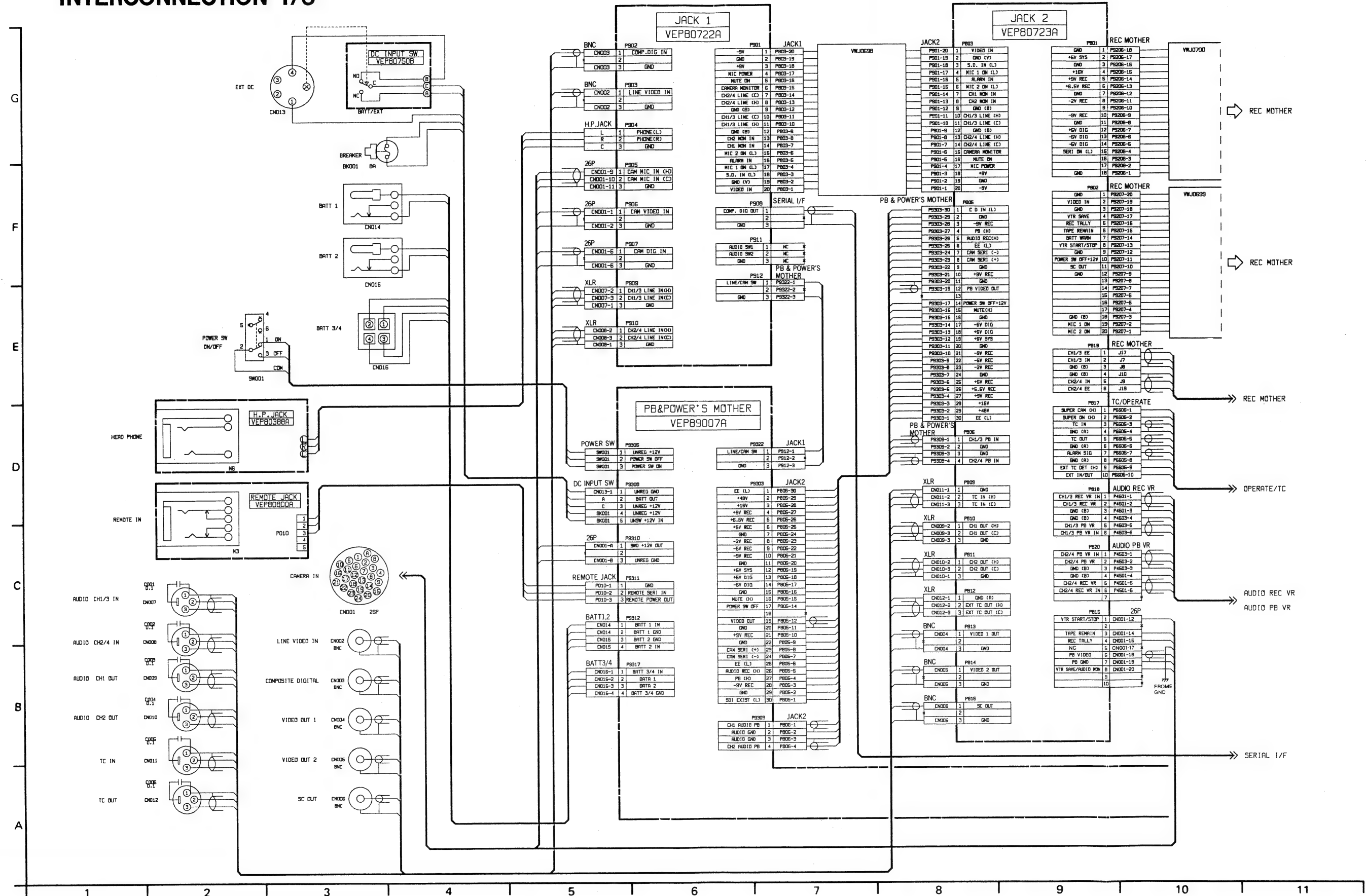
LCD BLOCK DIAGRAM

LCD BLOCK DIAGRAM

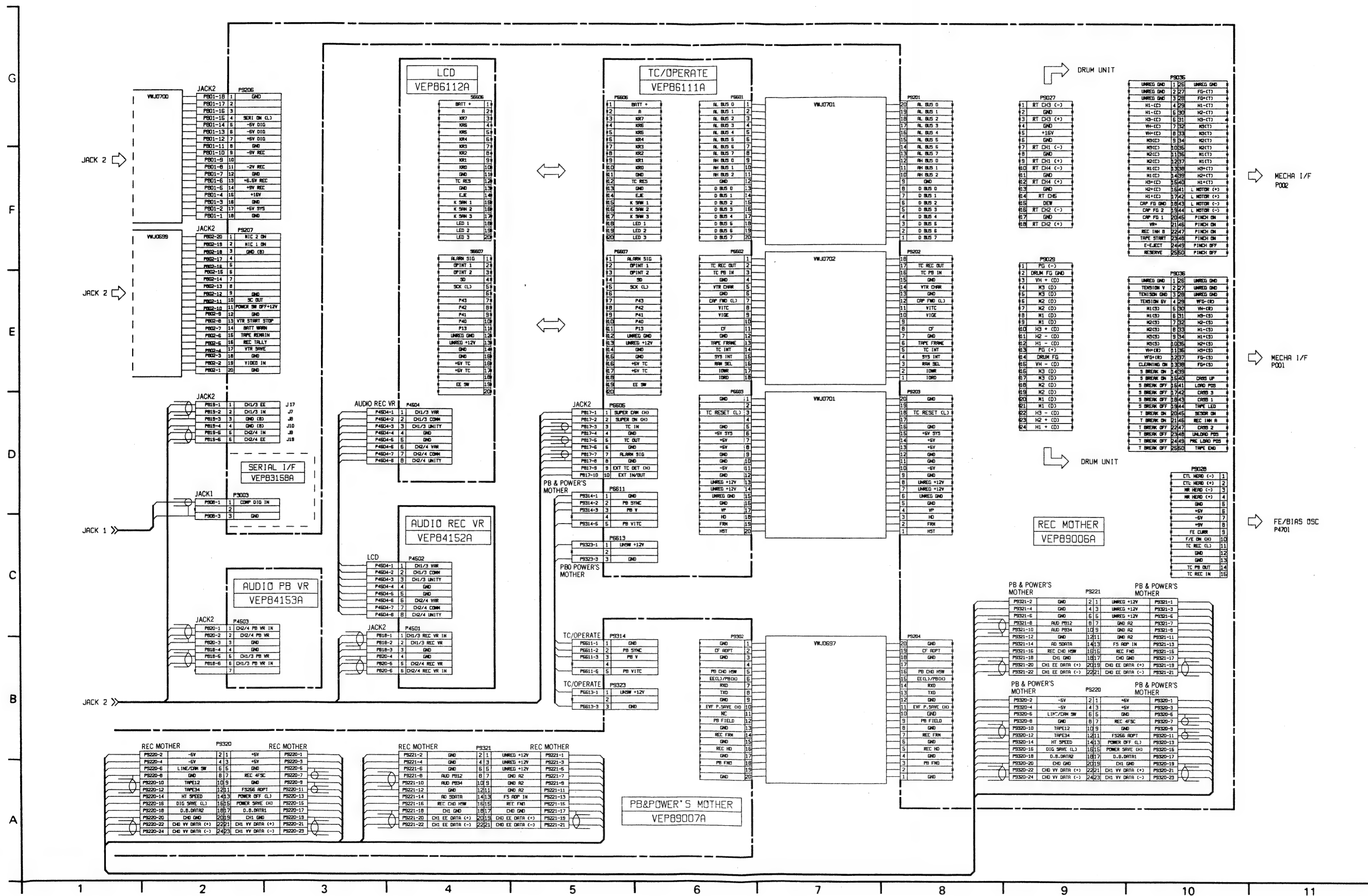


REVERSE SIDE TC & OPERATE BLOCK DIAGRAM

INTERCONNECTION 1/3



INTERCONNECTION 2/3



REVERSE SIDE

INTERCONNECTION 1/3

SCM-2

SCM-2

The diagram illustrates the electrical connections for the MECHA 1/F VEP80749A. It features a central control area with various pin headers (JO01 through JO21) and their associated pin numbers. These headers are connected to different components:

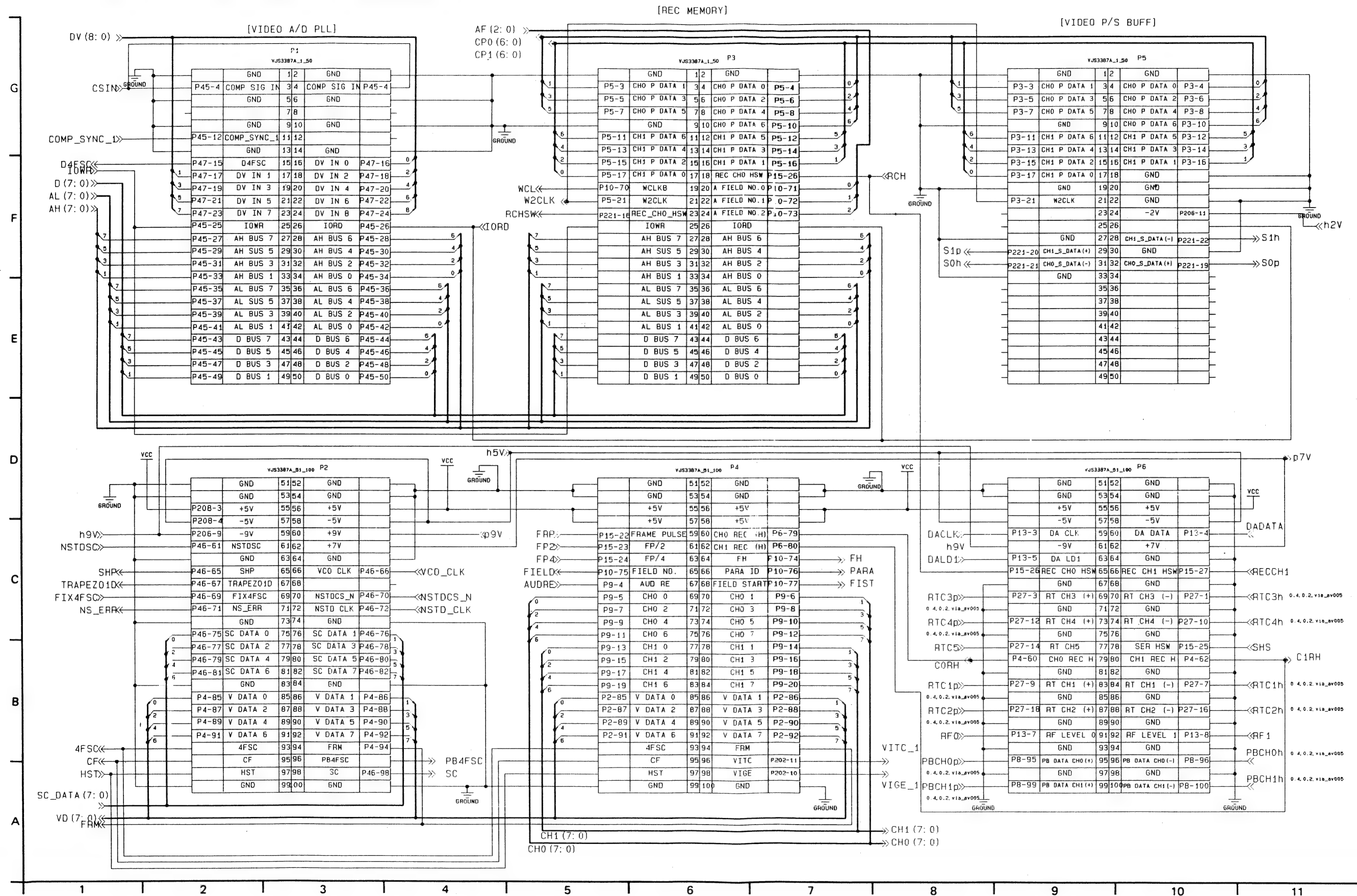
- JO01:** Connected to the CAPSTAN MOTOR (M1).
- JO02:** Connected to the REEL MOTOR (M2).
- JO03:** Connected to the T BRAKE ON/OFF.
- JO04:** Connected to the S BRAKE ON/OFF.
- JO05:** Connected to the PINCH ON/OFF.
- JO06:** Connected to the TENSION V and TENSION GND.
- JO07:** Connected to the TENSION V and TENSION GND.
- JO08:** Connected to the CLEANING ON/OFF.
- JO10:** Connected to the CASS UP and CASS GND.
- JO11:** Connected to the LOAD POS and GND.
- JO12:** Connected to the REC INH A and GND.
- JO13:** Connected to the UNLOAD POS and GND.
- JO14:** Connected to the PRE LOAD POS and GND.
- JO15:** Connected to the REC INH B and GND.
- JO16:** Connected to the TAPE LED and GND.
- JO17:** Connected to the TAPE END and GND.
- JO18:** Connected to the TAPE START and GND.
- JO19:** Connected to the CASS 1, CASS 2, CASS 3, CASS 4, LED 1, LED 2, LED 3, and GND.
- JO20:** Connected to the E-EJECT and GND.
- JO21:** Connected to the RESERVE, LED, and GND.

Other components and connections include:

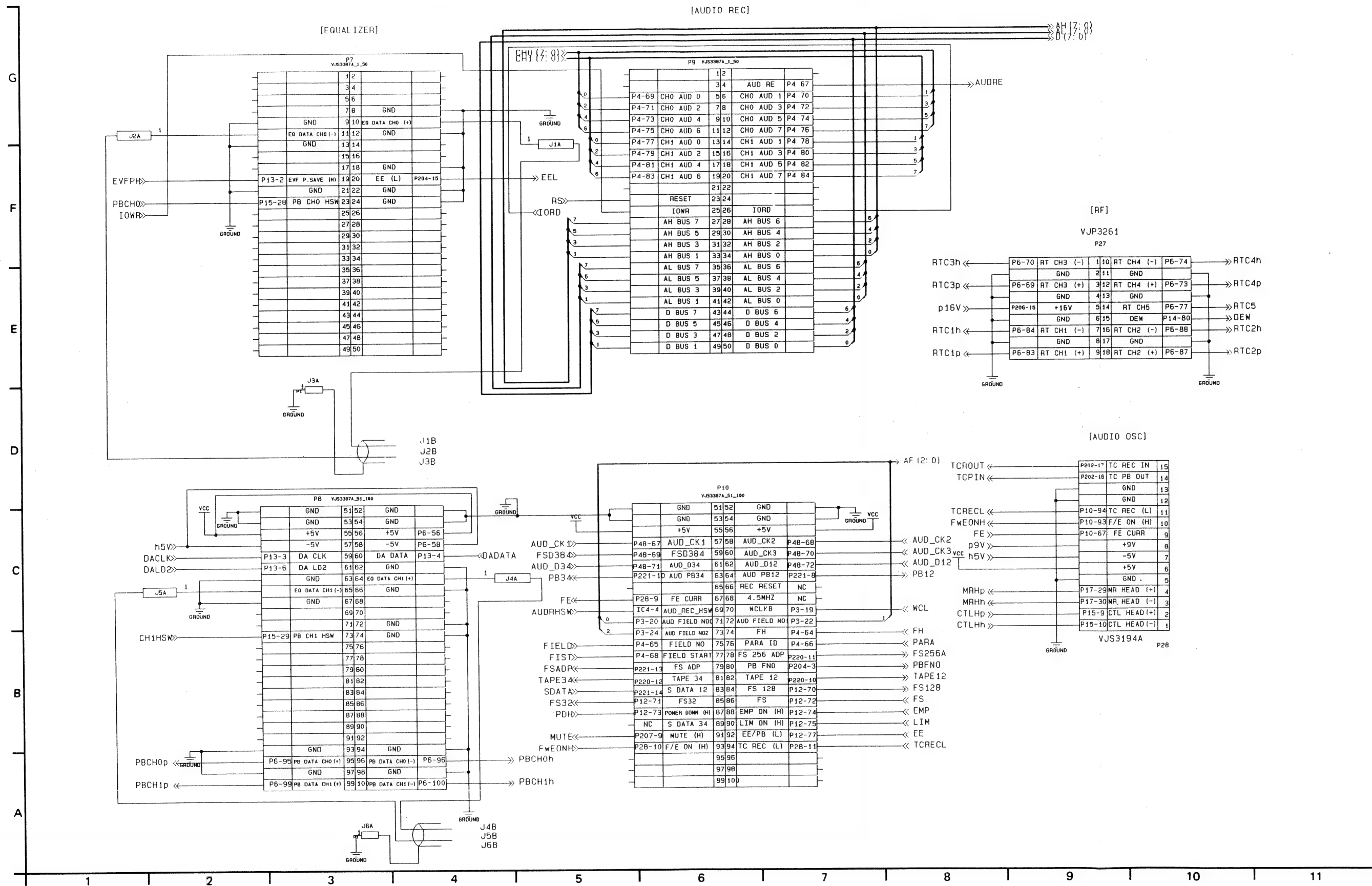
- REC MOTHER P9036:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9035:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9034:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9033:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9032:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9031:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9030:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9029:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9028:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9027:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9026:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9025:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9024:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9023:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9022:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9021:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9020:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9019:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9018:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9017:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9016:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9015:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9014:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9013:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9012:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9011:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9010:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9009:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9008:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9007:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9006:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9005:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9004:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9003:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9002:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9001:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).
- REC MOTHER P9000:** Connected to the REEL MOTOR (M2) and the CAPSTAN MOTOR (M1).

REC MOTHER 1/8
SCHEMATIC DIAGRAM

REC MOHTER SCHEMATIC DIAGRAM 1/8

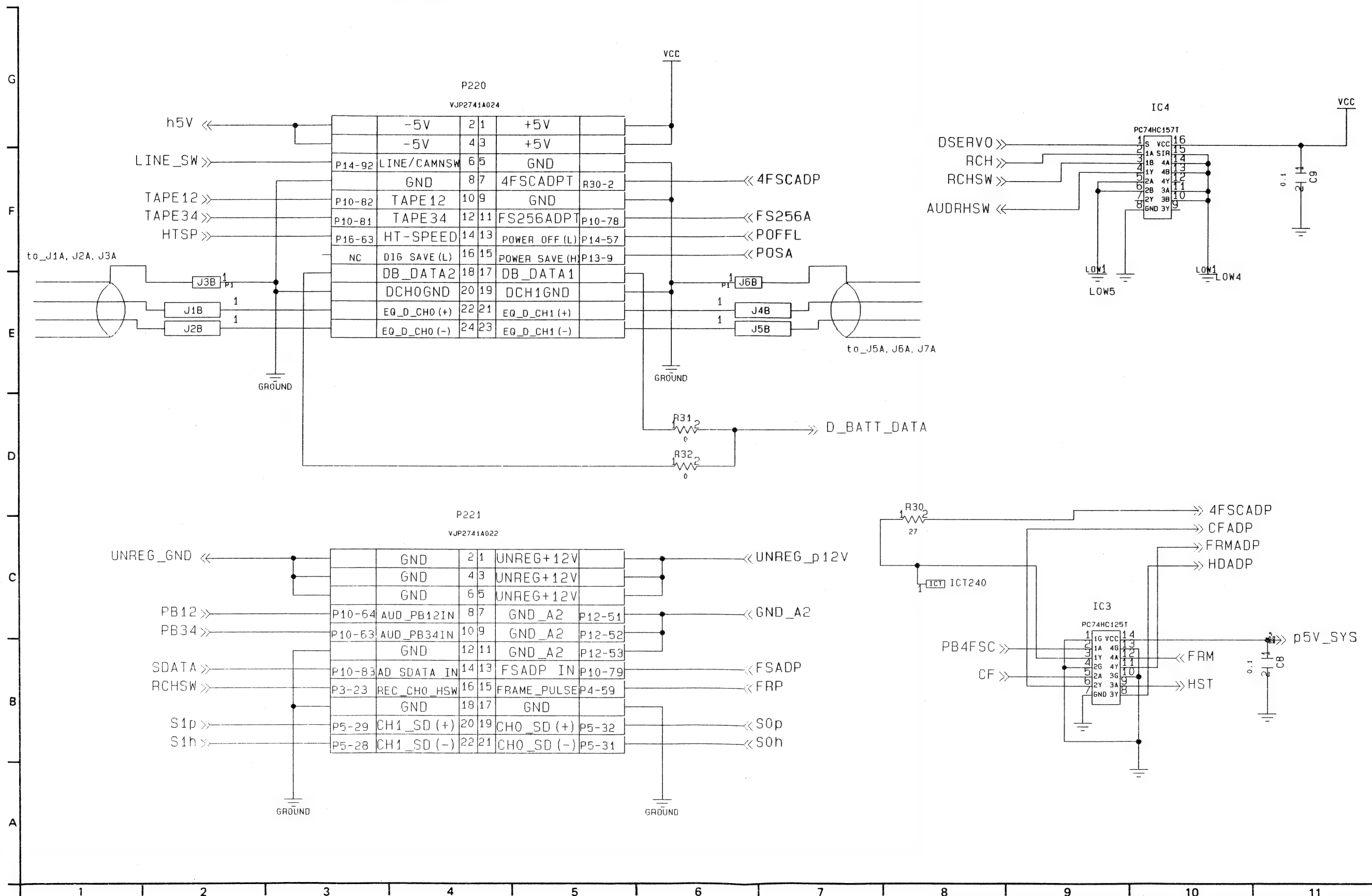


REC MOTHER SCHEMATIC DIAGRAM 2/8

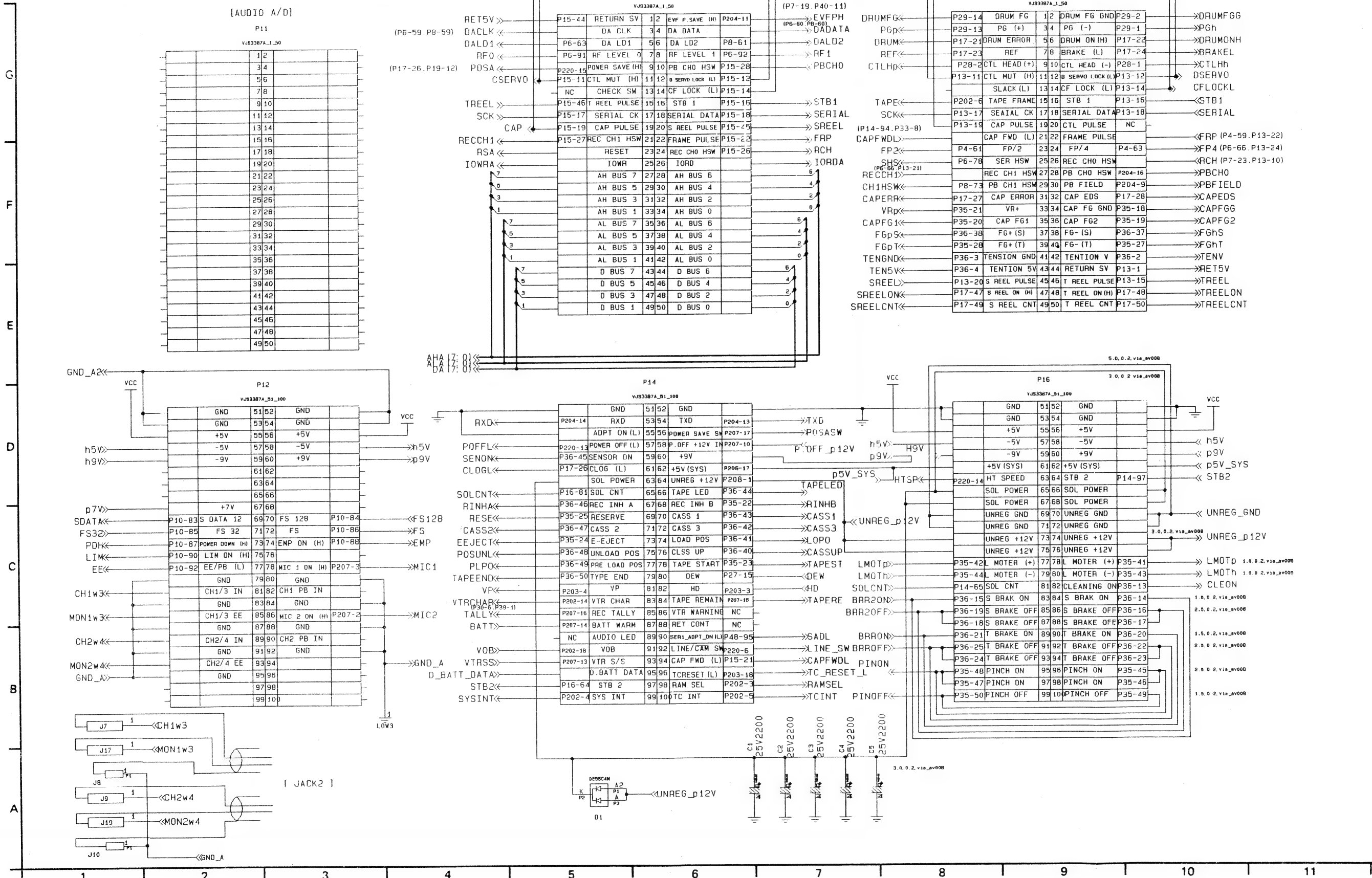


REC MOTHER 3/8
SCHEMATIC DIAGRAM

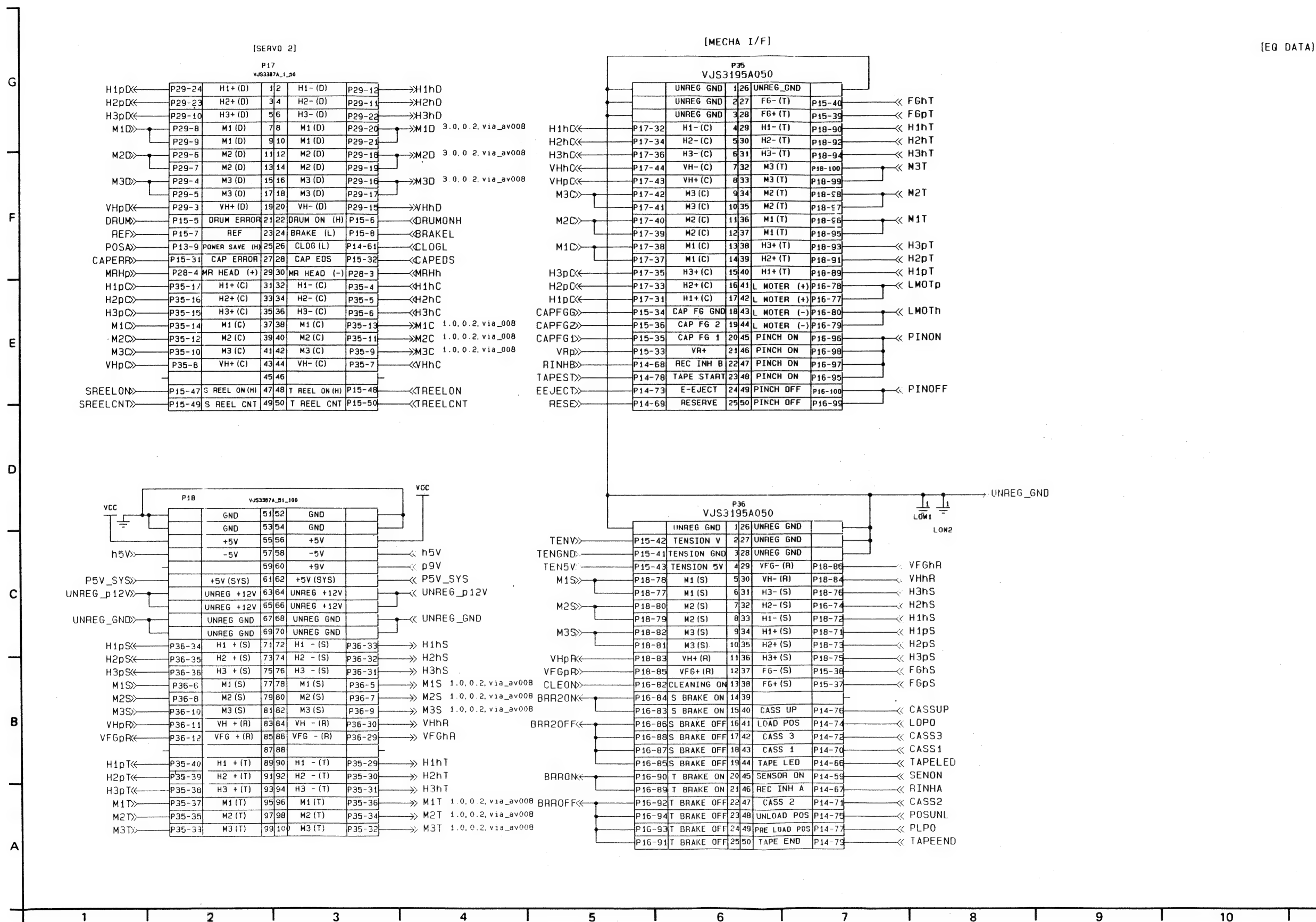
REC MOTHER SCHEMATIC DIAGRAM 3/8



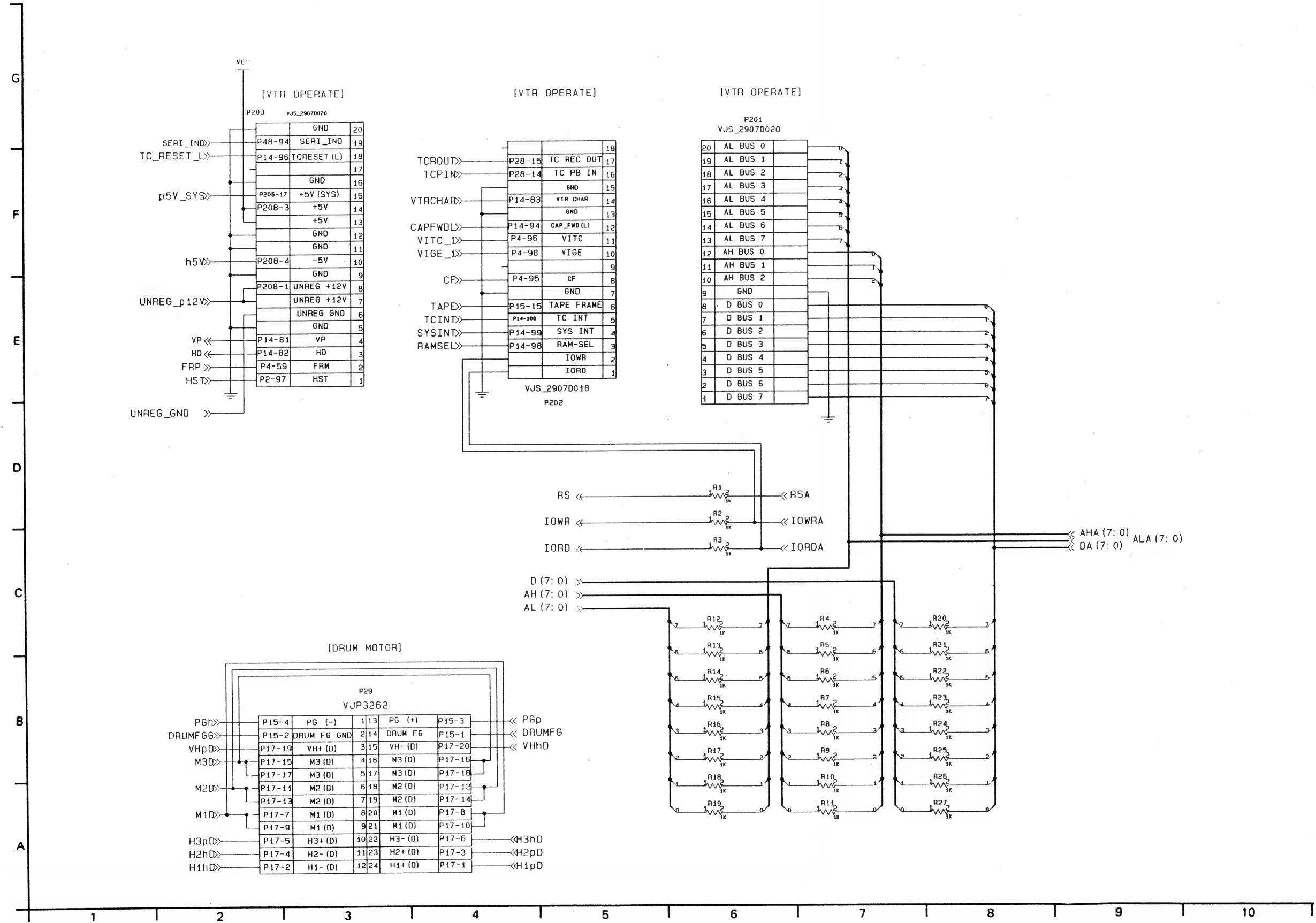
REC MOTHER SCHEMATIC DIAGRAM 4/8



REC MOTHER SCHEMATIC DIAGRAM 5/8

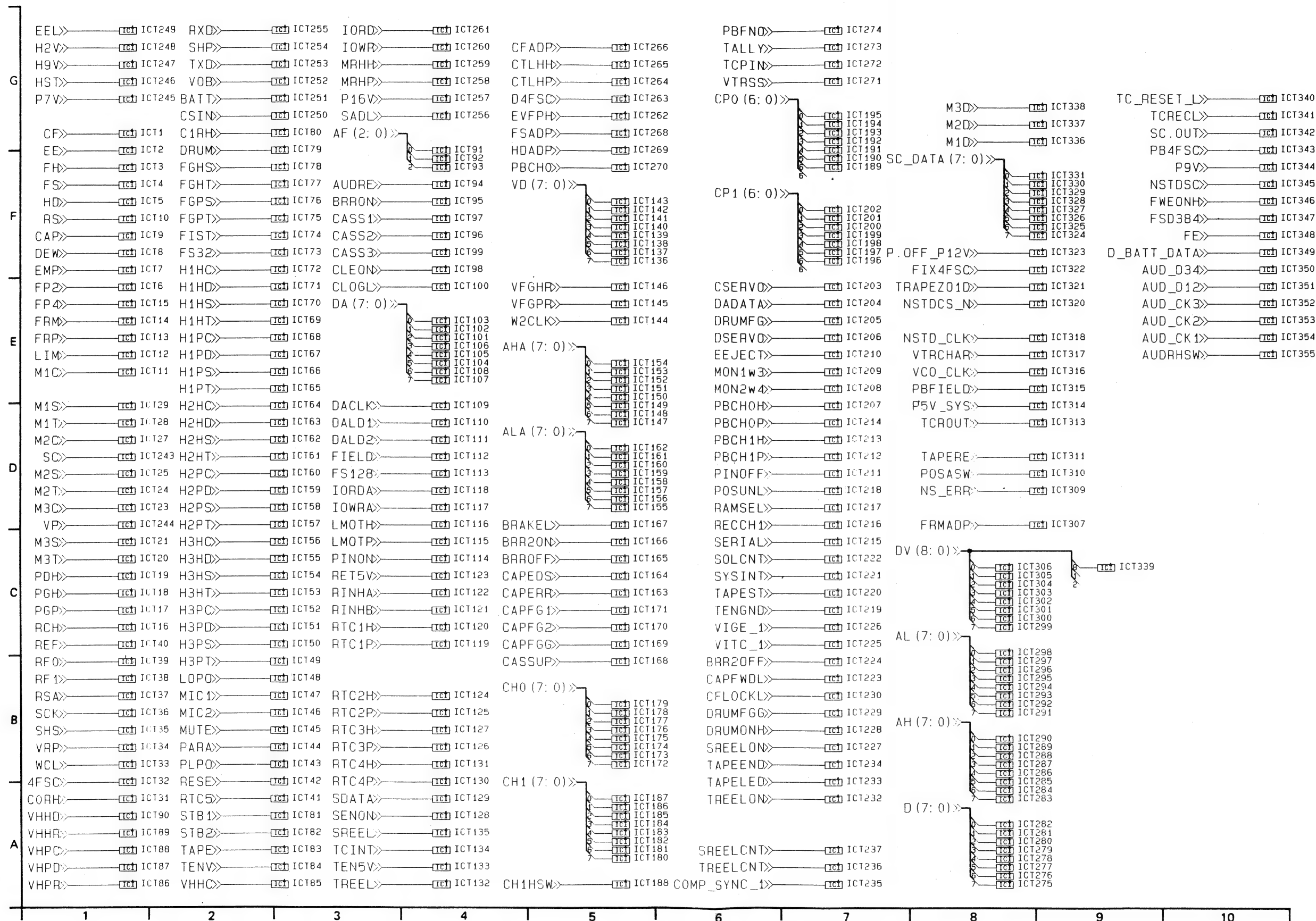


REC MOTHER SCHEMATIC DIAGRAM 6/8



REC MOTHER 7/8
SCHEMATIC DIAGRAM

REC MOTHER SCHEMATIC DIAGRAM 7/8



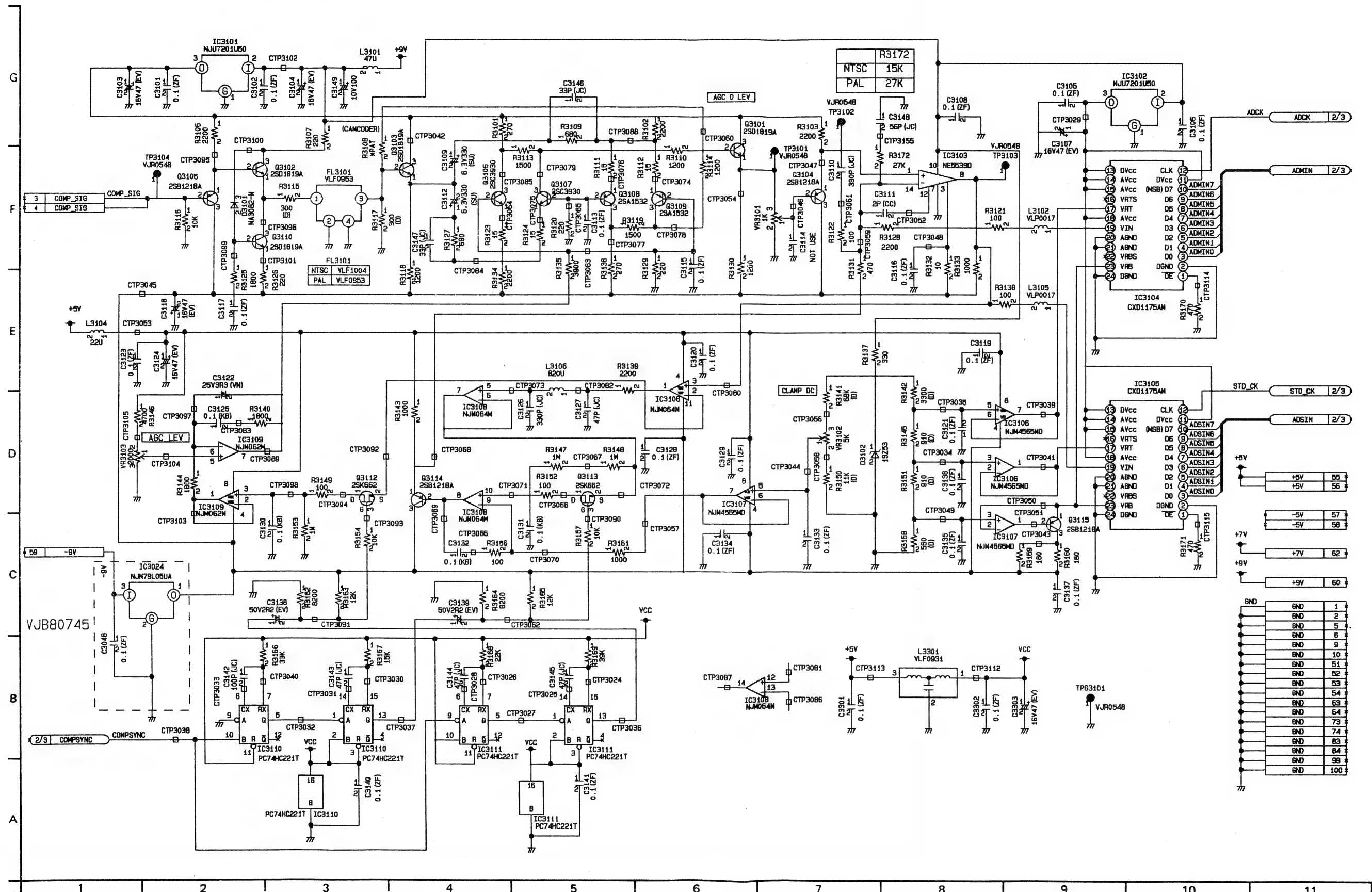
The diagram illustrates a complex PCB layout for a video and audio interface. It features four primary connector blocks, each with a detailed pinout and associated signal labels.

- SERIAL-IF-V (P47):** This block includes pins for DV OUT (P1-15 to P1-24), DV IN (P1-17 to P1-24), and DV SYNC (P1-11). It also includes pins for DV (8:0) and DV (7:0).
- VIDEO NON STD (P45):** This block includes pins for COMP SIG (P1-3 to P1-11), COMP SYNC (P1-11), and various bus signals (P1-25 to P1-49). It also includes pins for IOWR, IORD, and IORD.
- AUDIO (P48):** This block includes pins for AUD CK (P10-57 to P10-62), FSD (P10-59), and AUD D (P10-61 to P10-62). It also includes pins for AUD CK2, AUD CK3, and AUD D12.
- VIDEO (P207):** This block includes pins for VIDEO IN (P14-56 to P14-62), POWER_SAVE (P14-85), REC_TALLY (P14-84), TAPE_REMAIN (P14-87), BATT_WARN (P14-93), VTR_START/STOP (P14-93), SC_OUT (P14-58), and P_OFF_p12V (P14-58). It also includes pins for SC_OUT, SC, and SC_DATA (7:0).

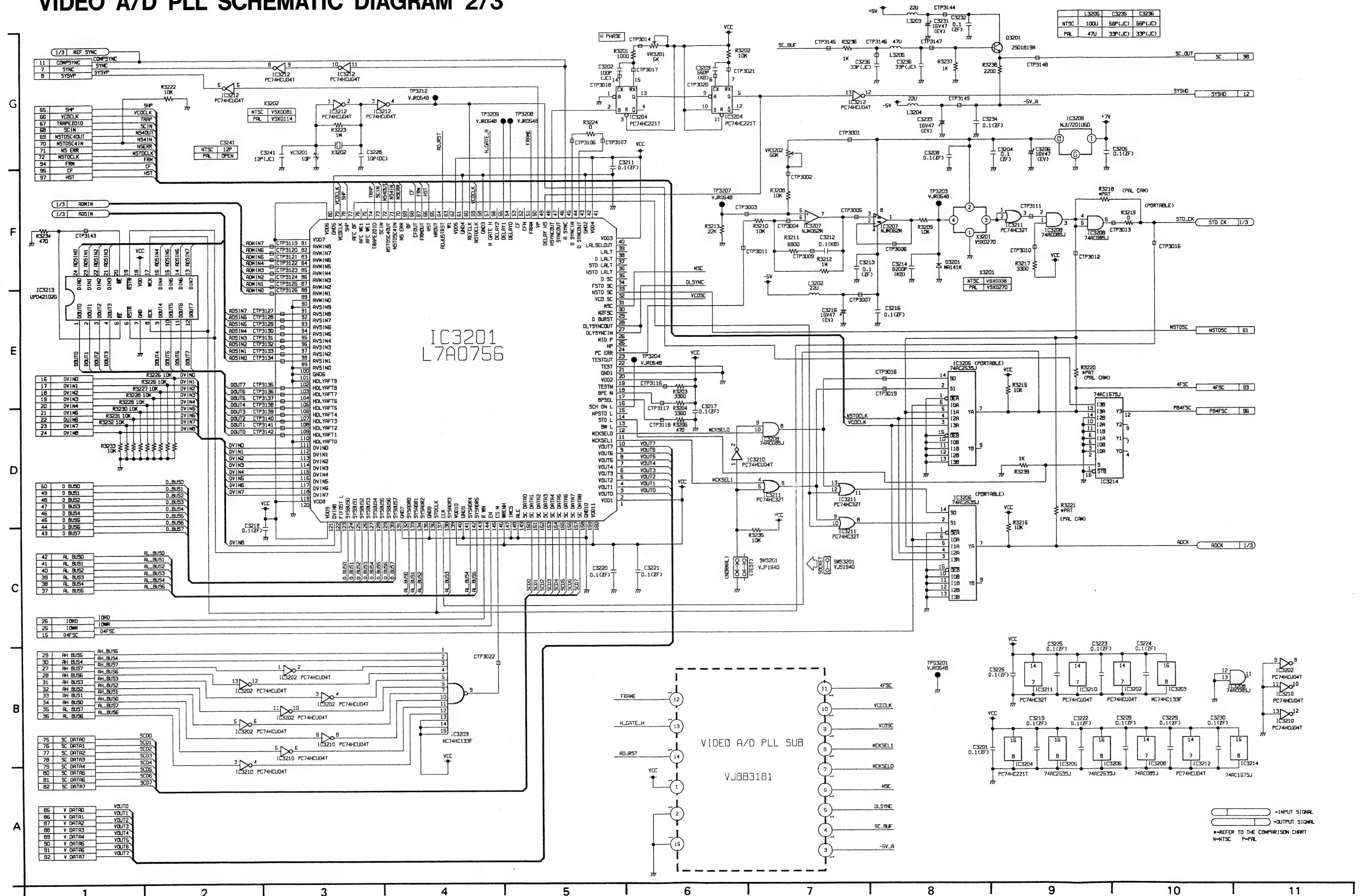
The diagram also shows various power and ground connections, including +5V, +16V, +9V, +7V, -5V, -9V, -12V, and GND. Signal lines are shown connecting the pins to other components and power planes.

VIDEO A/D PLL 1/3
SCHEMATIC DIAGRAM

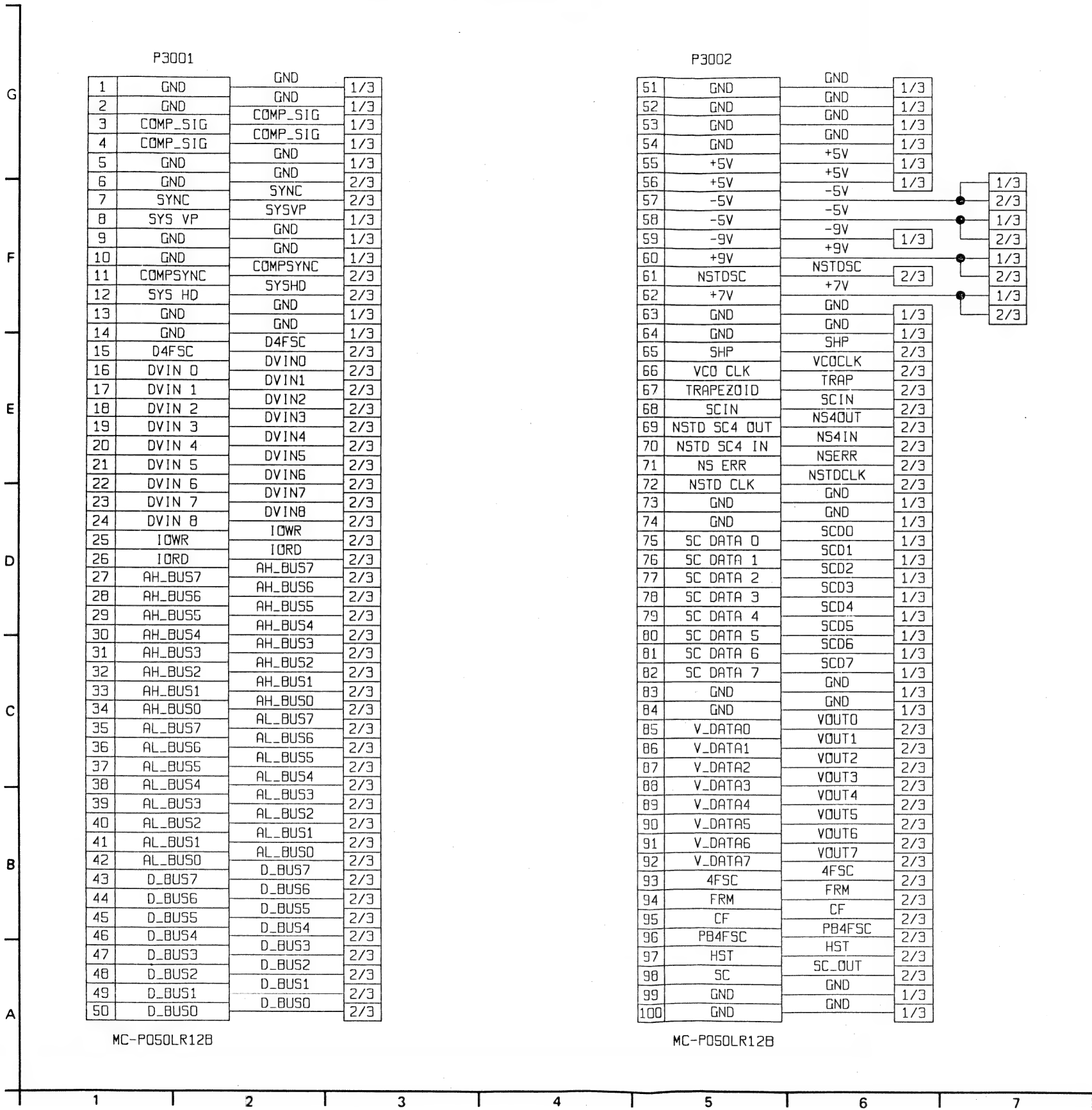
VIDEO A/D PLL SCHEMATIC DIAGRAM 1/3



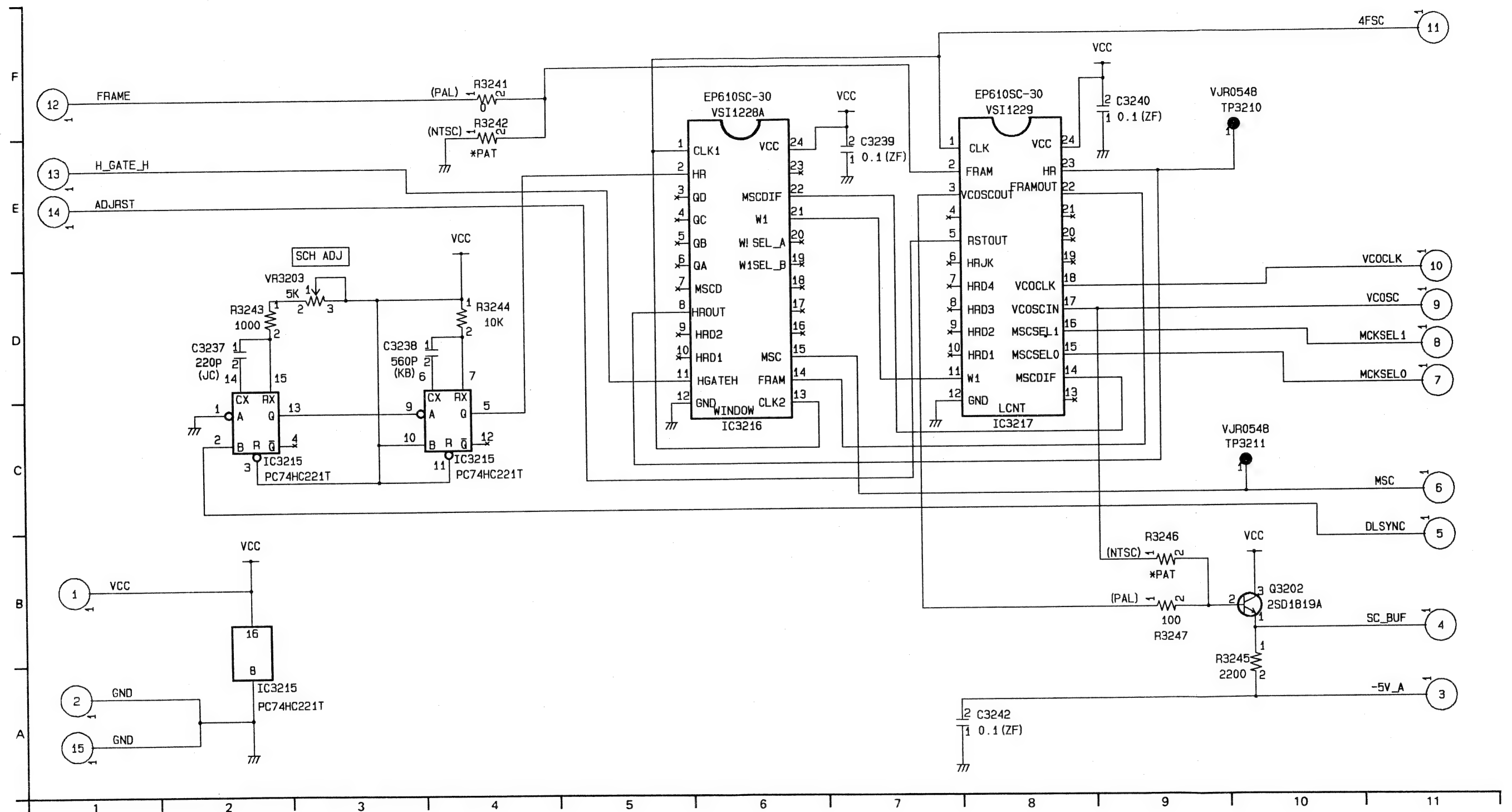
VIDEO A/D PLL SCHEMATIC DIAGRAM 2/3



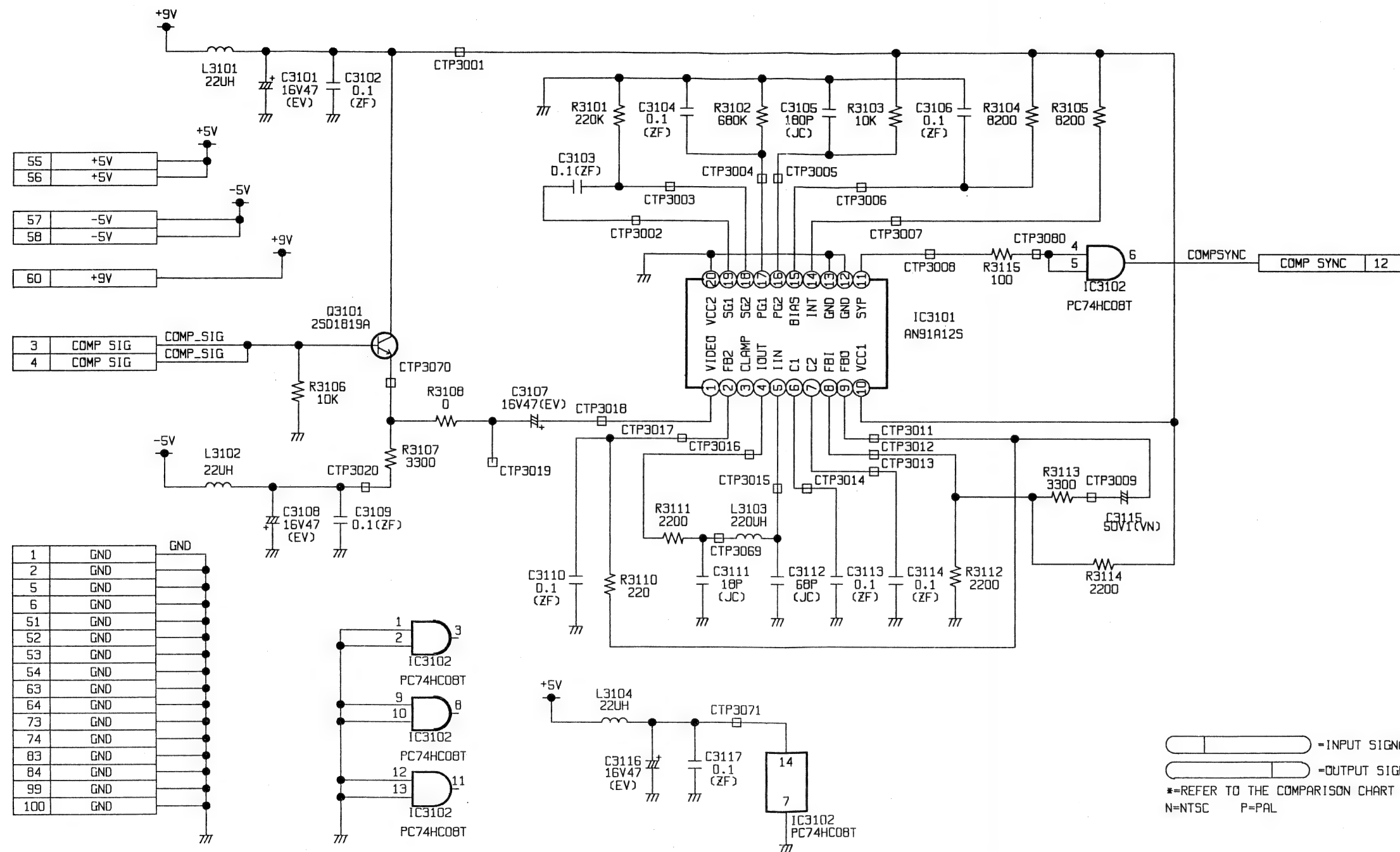
VIDEO A/D PLL SCHEMATIC DIAGRAM 3/3



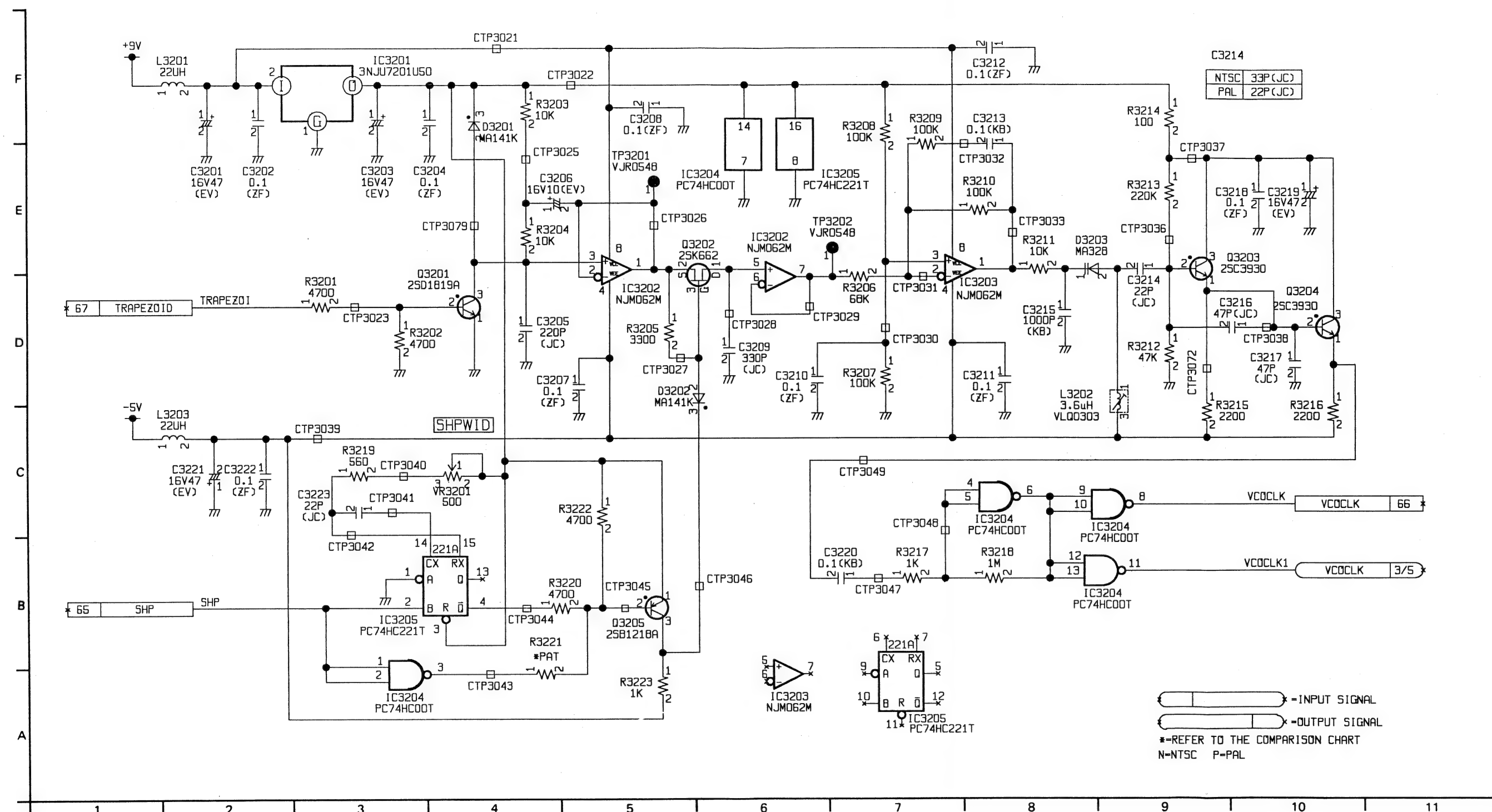
VIDEO A/D PLL SUB SCHEMATIC DIAGRAM



VIDEO NSTD SCHEMATIC DIAGRAM 1/5



VIDEO NSTD SCHEMATIC DIAGRAM 2/5

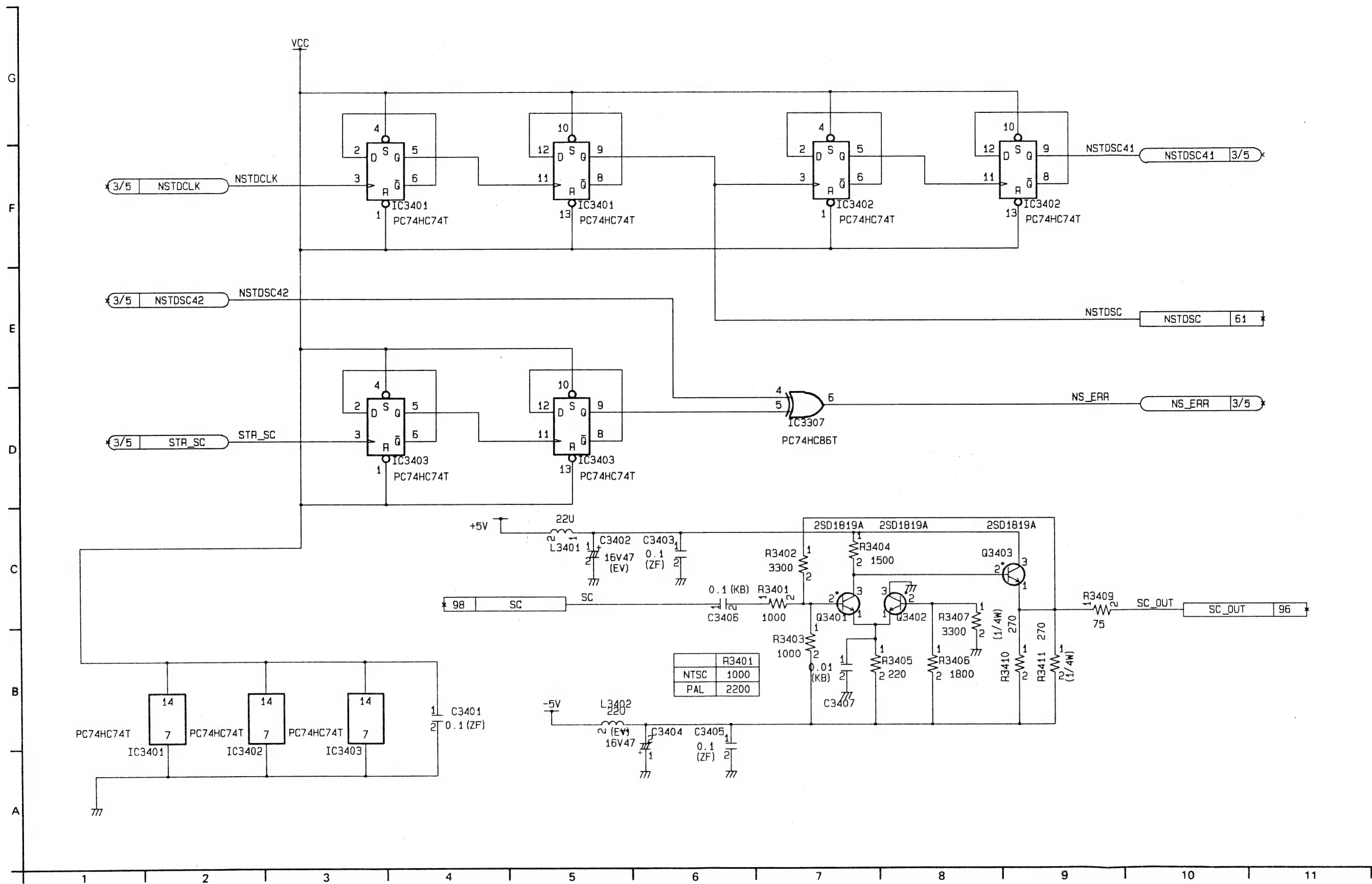


VIDEO NSTD SCHEMATIC DIAGRAM 3/5



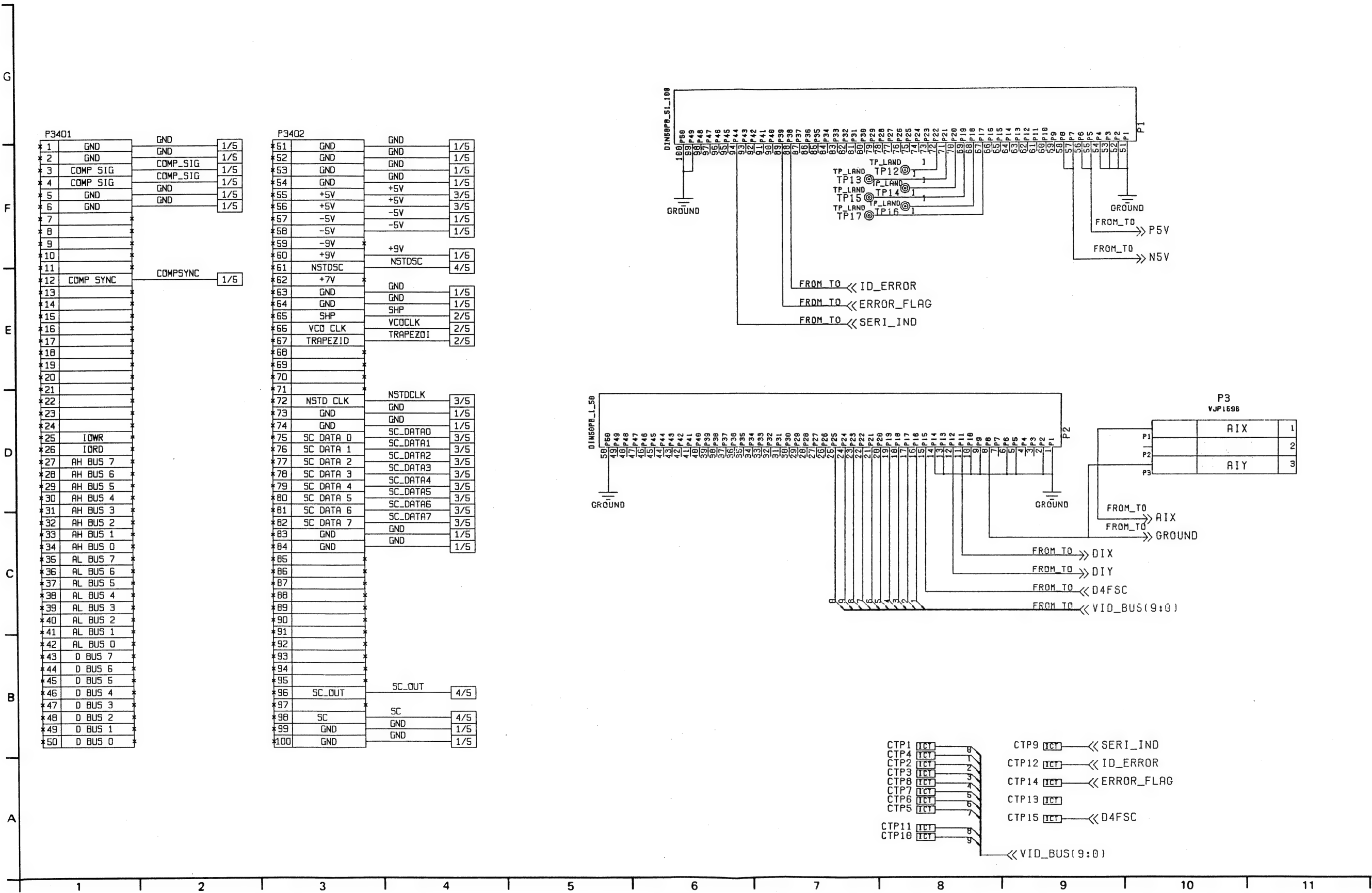
SCM-18

VIDEO NSTD SCHEMATIC DIAGRAM 4/5



VIDEO NSTD SCHEMATIC DIAGRAM 5/5

SERIAL I/F V SCHEMATIC DIAGRAM 1/2

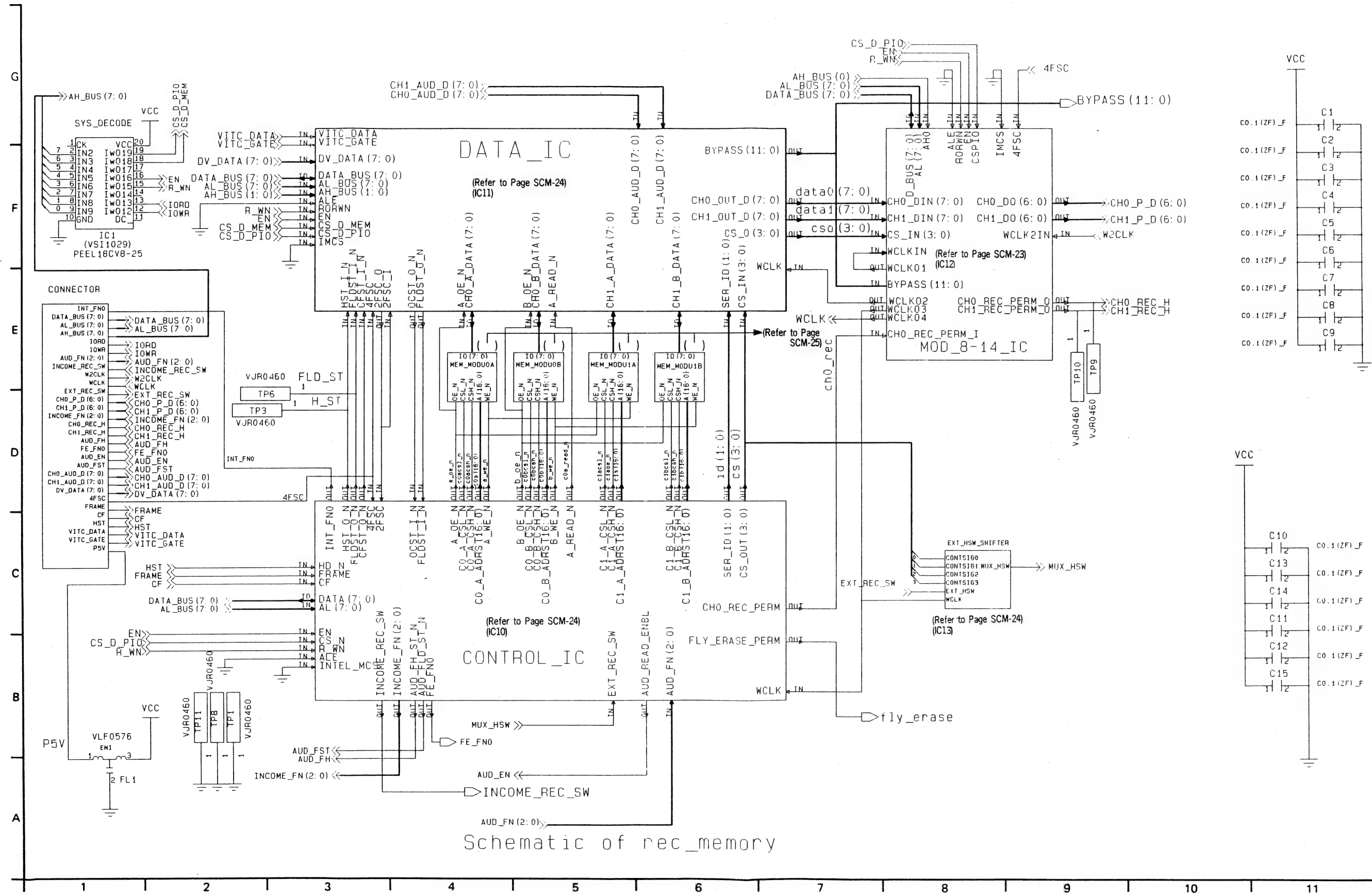


The diagram illustrates the internal circuitry of a Sony CCD camera, organized into several functional blocks:

- Power Supply Section:** Includes PSV_POWER and NSV_POWER sections with voltage regulators (FL1, FL2), capacitors (C1-C10), and inductors (L1, L2, L3).
- Decoder and Processor Section:** Features the SBX1602 DECODER (IC7) and the CXD8129B RECEIVER (IC5), which handles video signals and provides error flags (ERROR_FLAG, ID_ERROR).
- Control and Timing Section:** Includes various ICs (IC1-IC9) and CTP components (CTP1-CTP34) that manage timing and control signals.
- Bus System:** A D_BUS (10:0) and MD_BUS (10:0) are shown, along with a VID_BUS (9:0) for video data transfer.
- Test and Adjustment Points:** Numerous test points (TP1-TP9) and adjustment points (ADJUST_NAME) are indicated for testing and calibration.

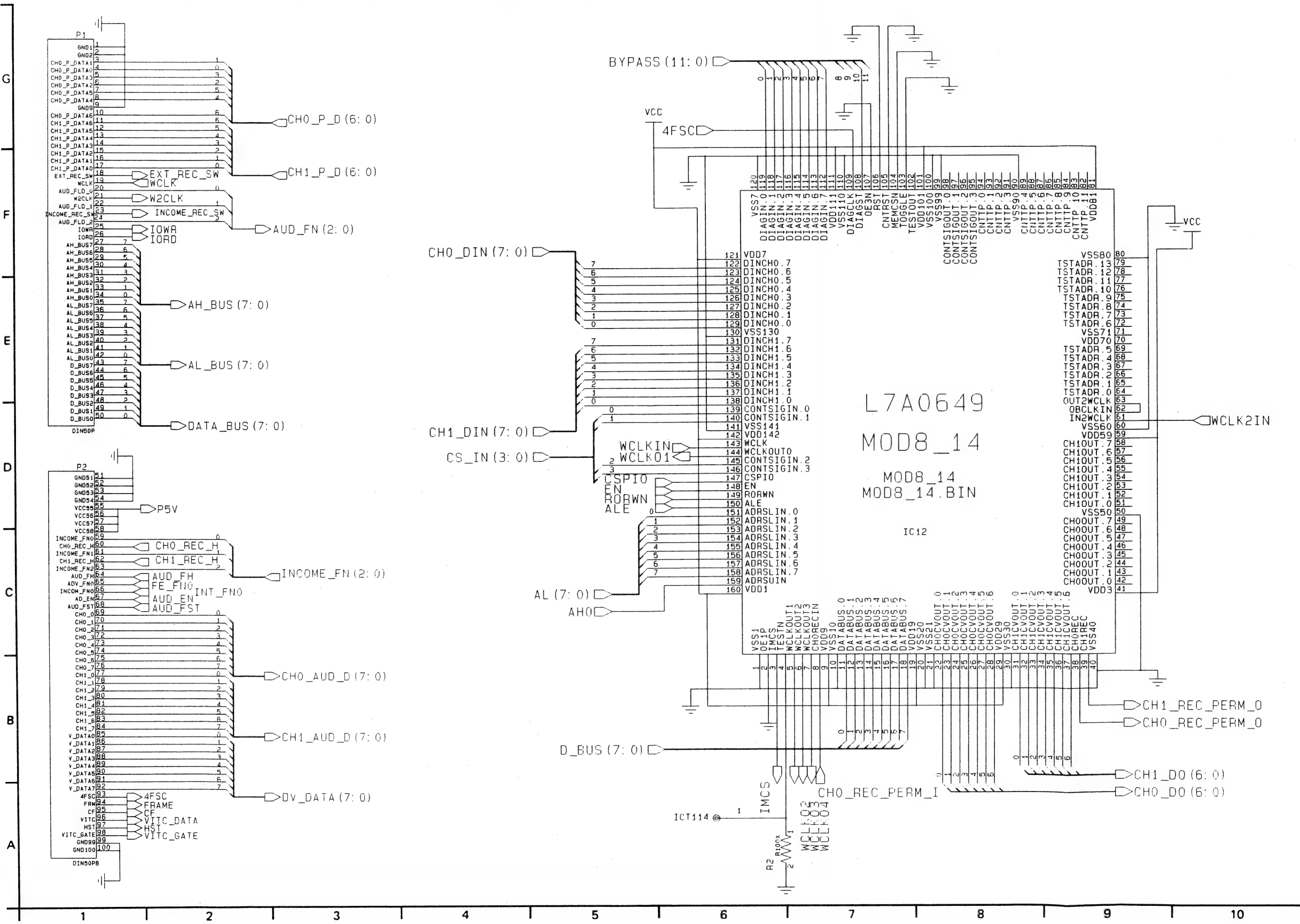
The circuit is densely packed with components, including resistors (R1-R30), capacitors (C1-C10), and inductors (L1-L3), all interconnected to form a complex signal processing and control system.

VIDEO REC MEMORY SCHEMATIC DIAGRAM 1/4



Schematic of rec_memory

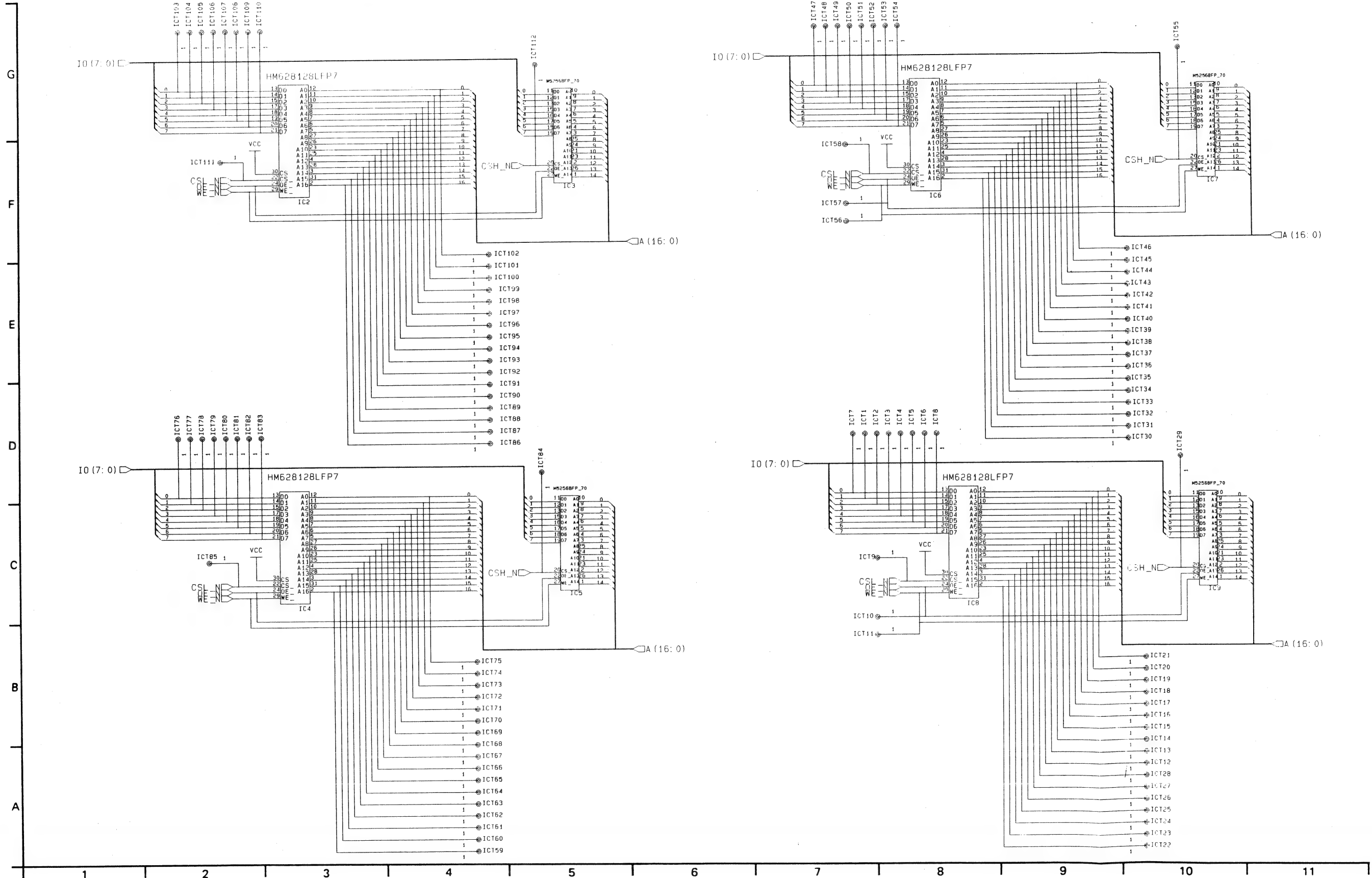
VIDEO REC MEMORY SCHEMATIC DIAGRAM 2/4



VIDEO REC MEMORY SCHEMATIC DIAGRAM 3/4



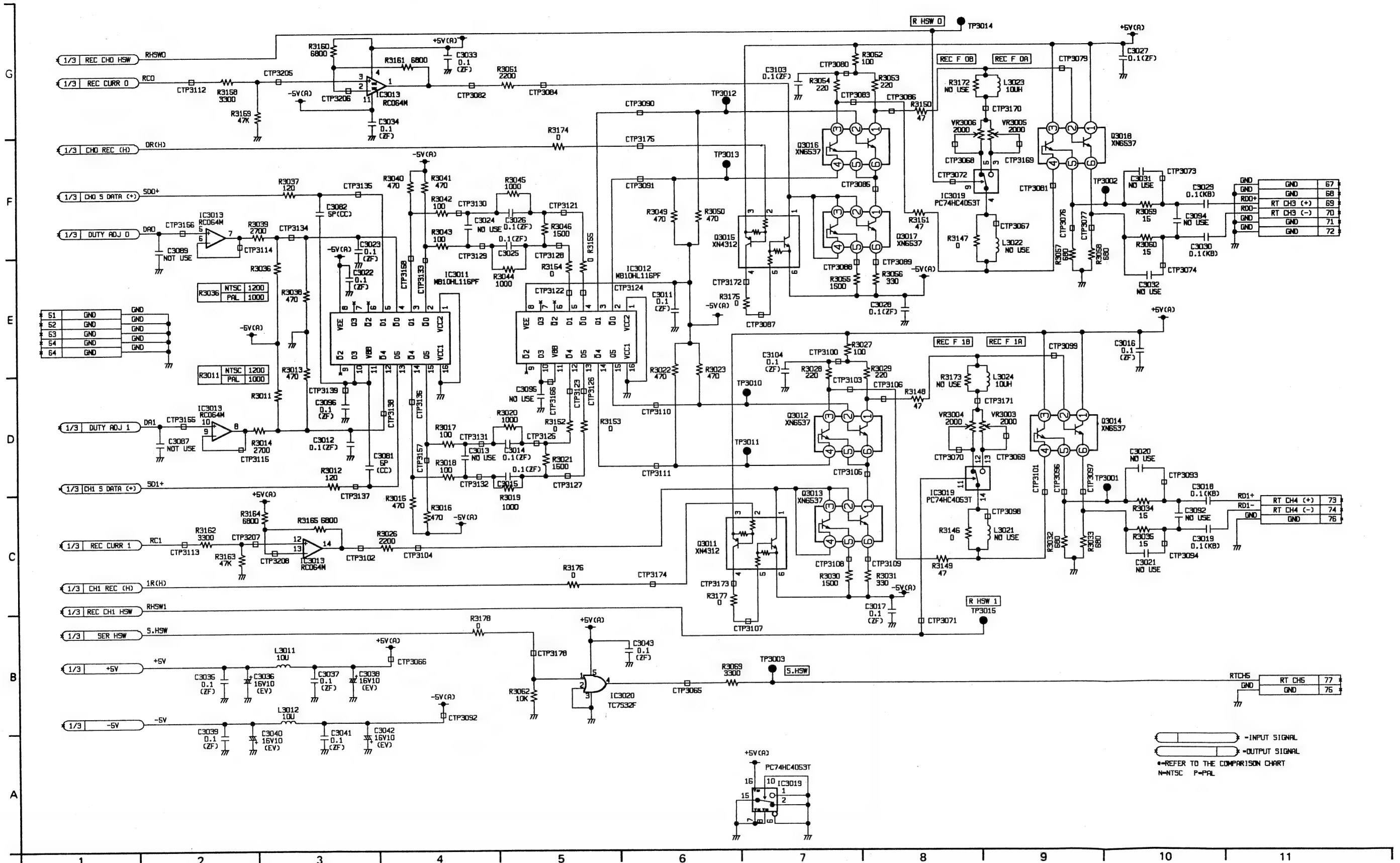
VIDEO REC MEMORY SCHEMATIC DIAGRAM 4/4



VIDEO PS BUFF SCHEMATIC DIAGRAM 1/3



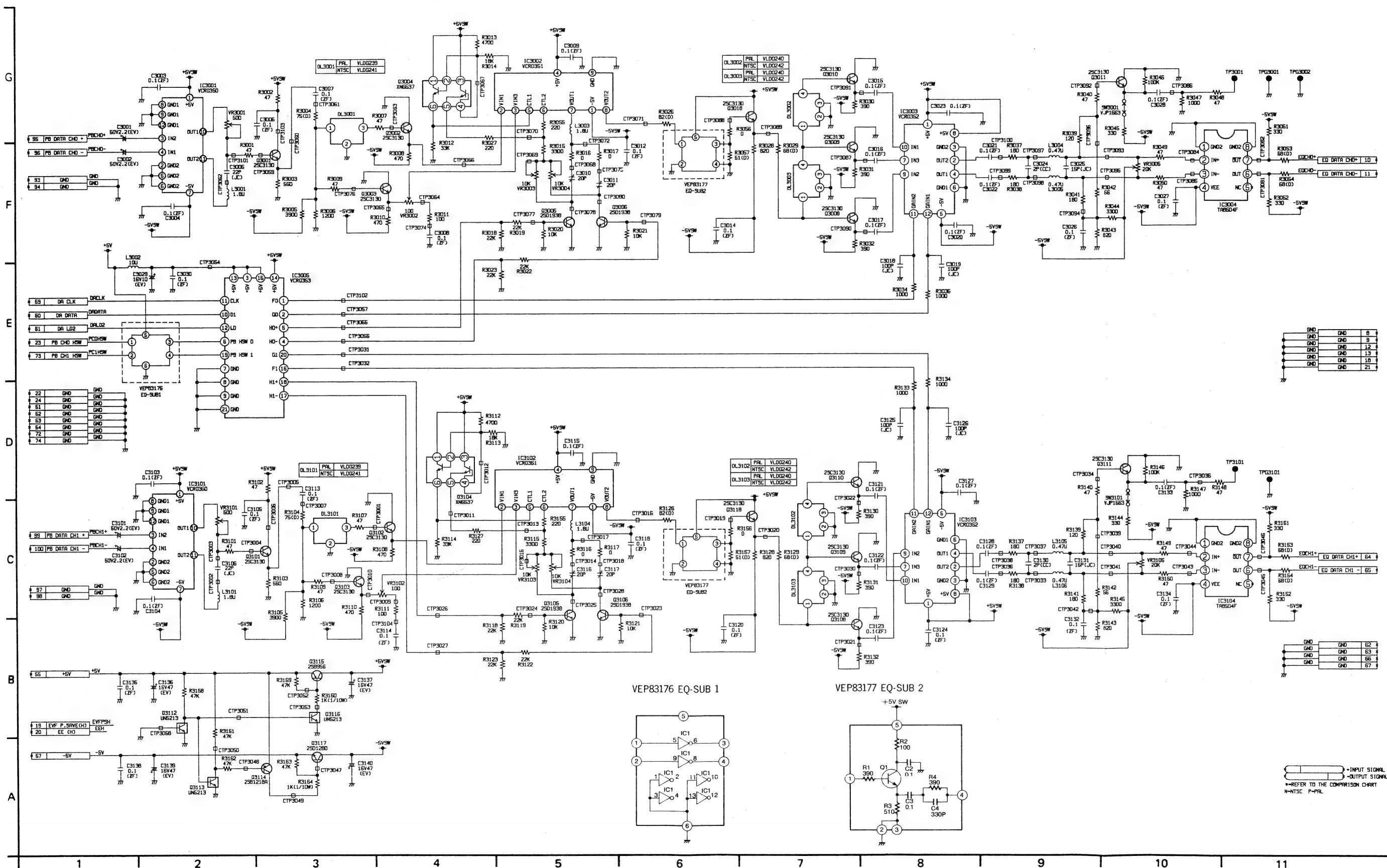
VIDEO PS BUFF SCHEMATIC DIAGRAM 2/3



VIDEO PS BUFF SCHEMATIC DIAGRAM 3/3

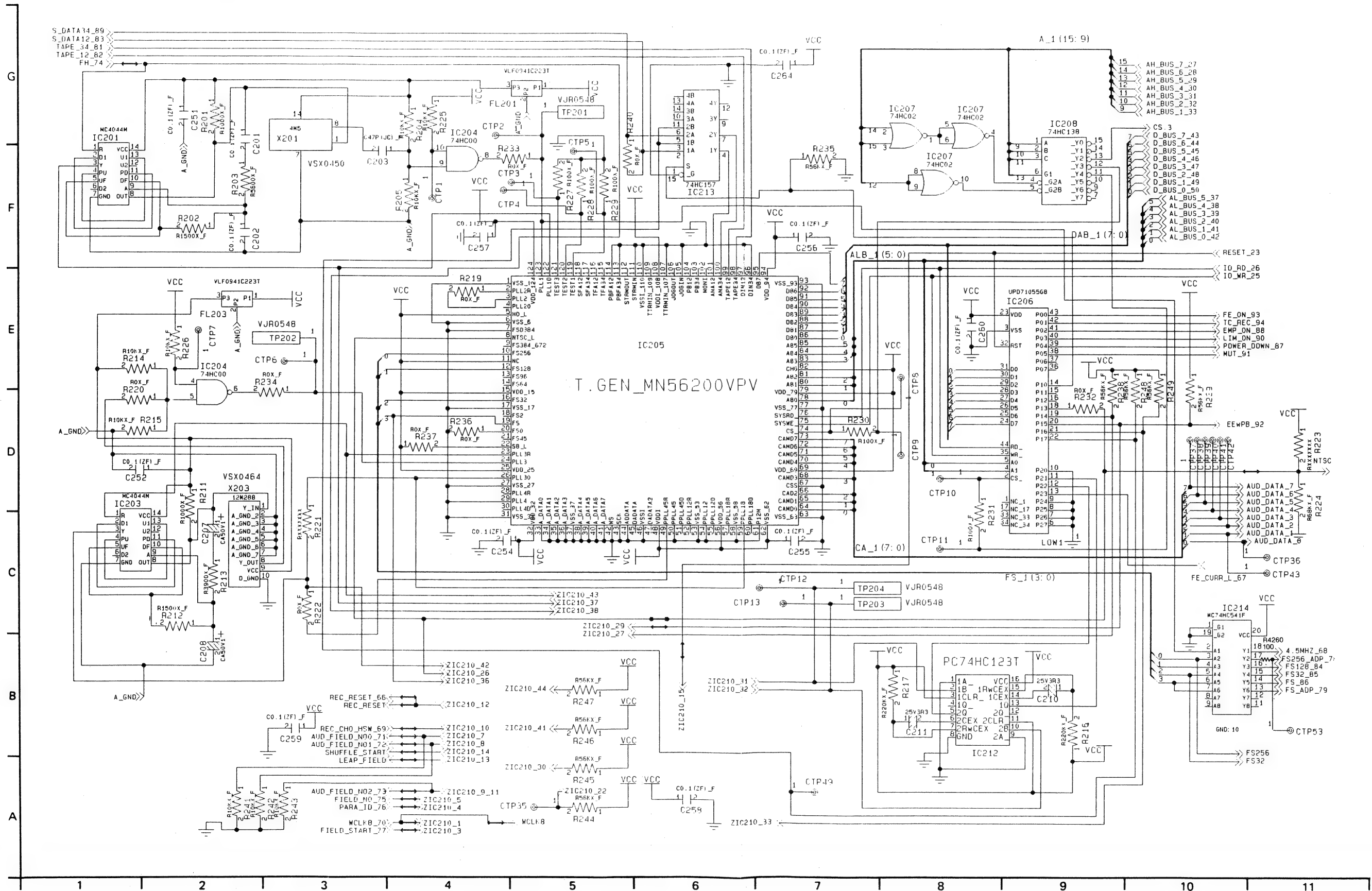


EQUALIZER SCHEMATIC DIAGRAM

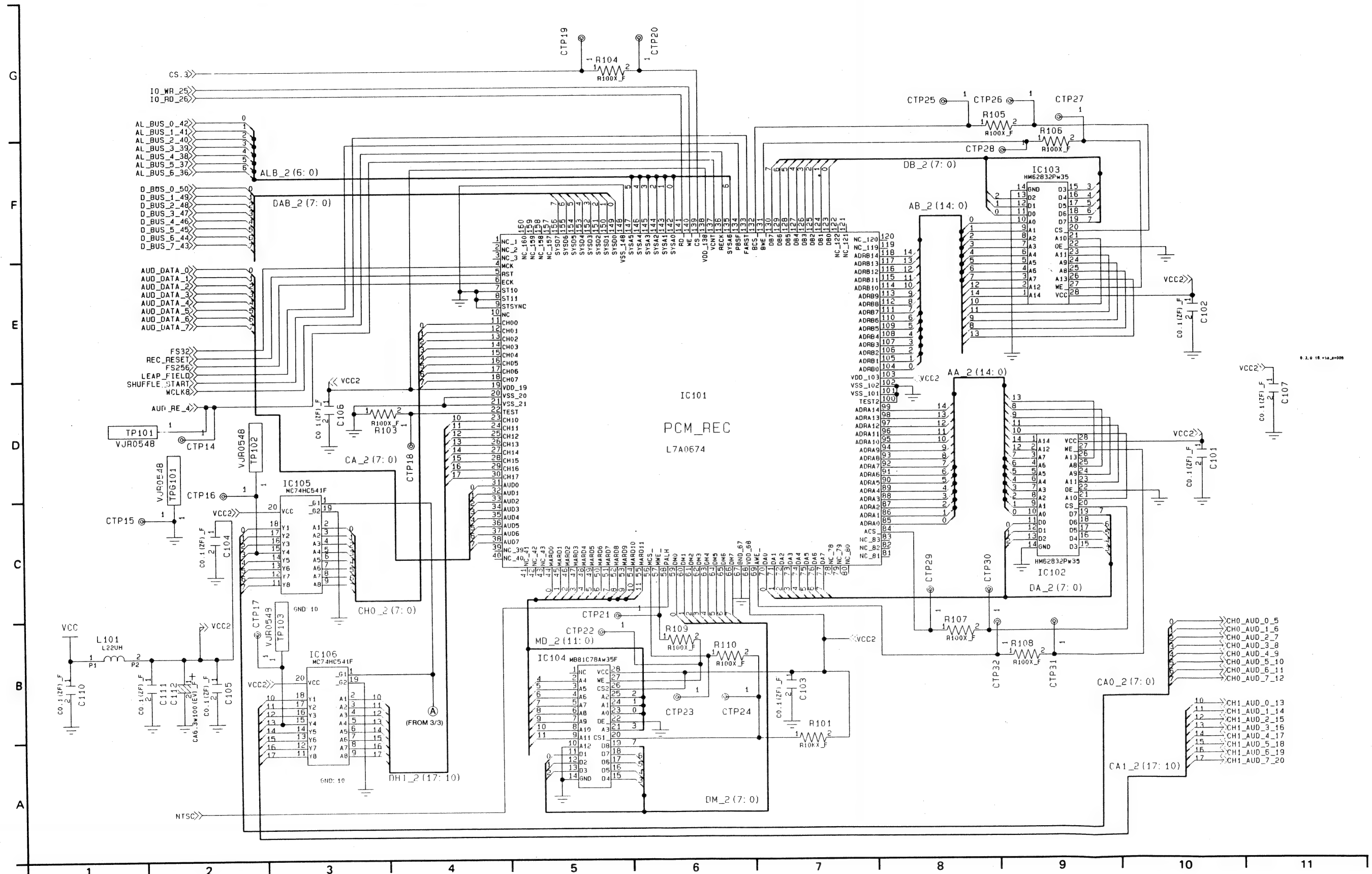


AUDIO REC 1/3
SCHEMATIC DIAGRAM

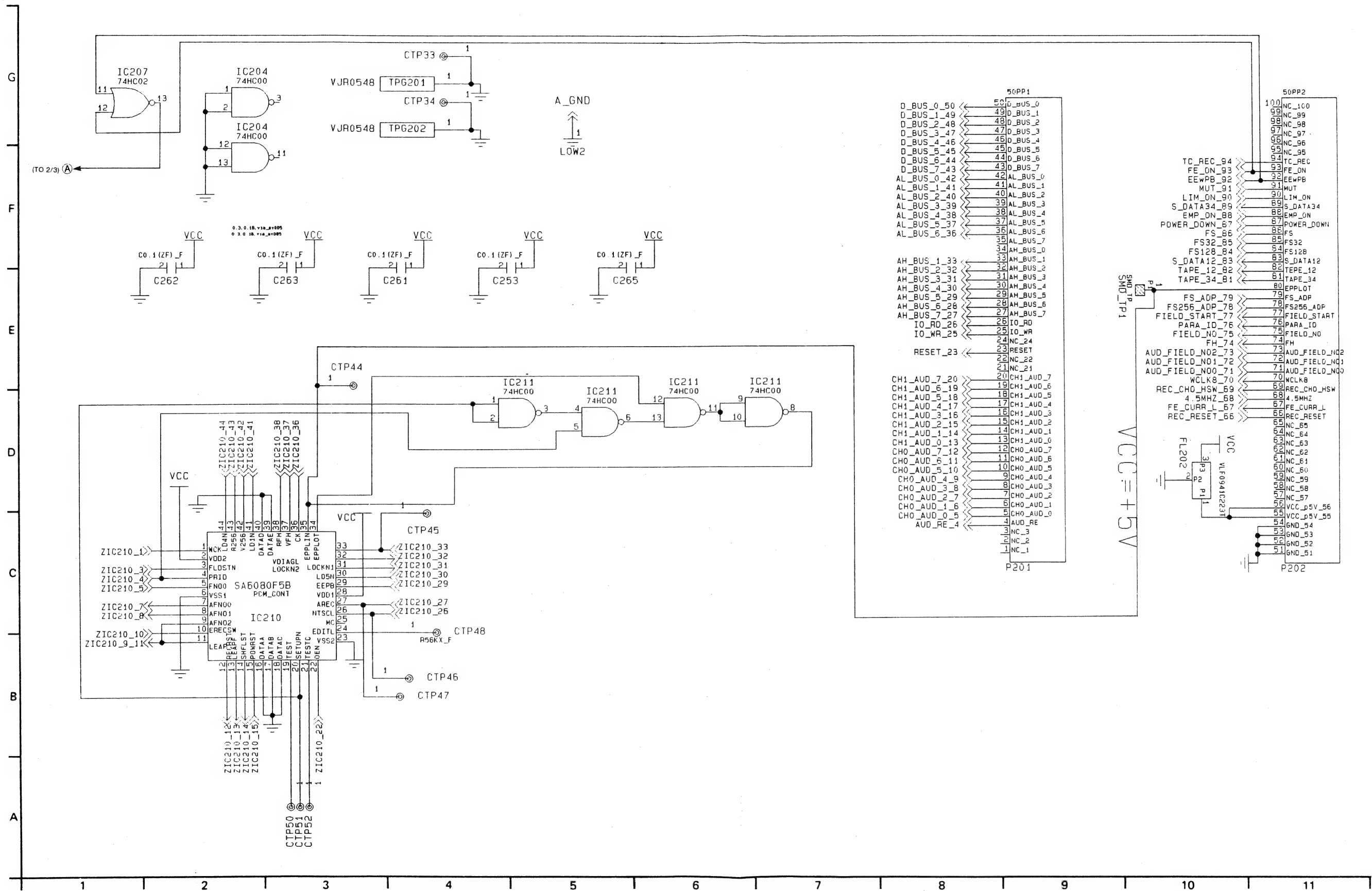
AUDIO REC SCHEMATIC DIAGRAM 1/3



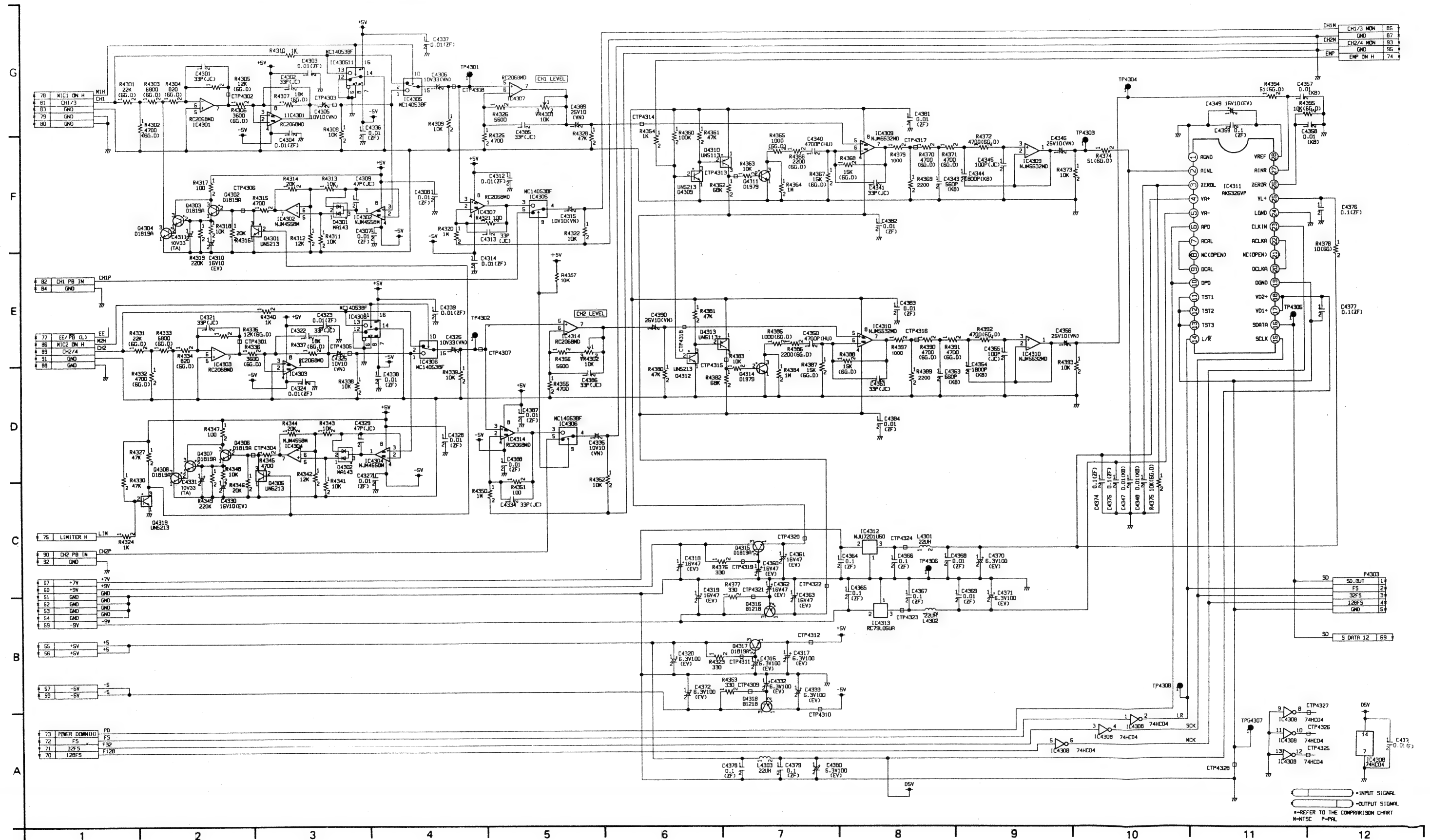
AUDIO REC SCHEMATIC DIAGRAM 2/3



AUDIO REC SCHEMATIC DIAGRAM 3/3



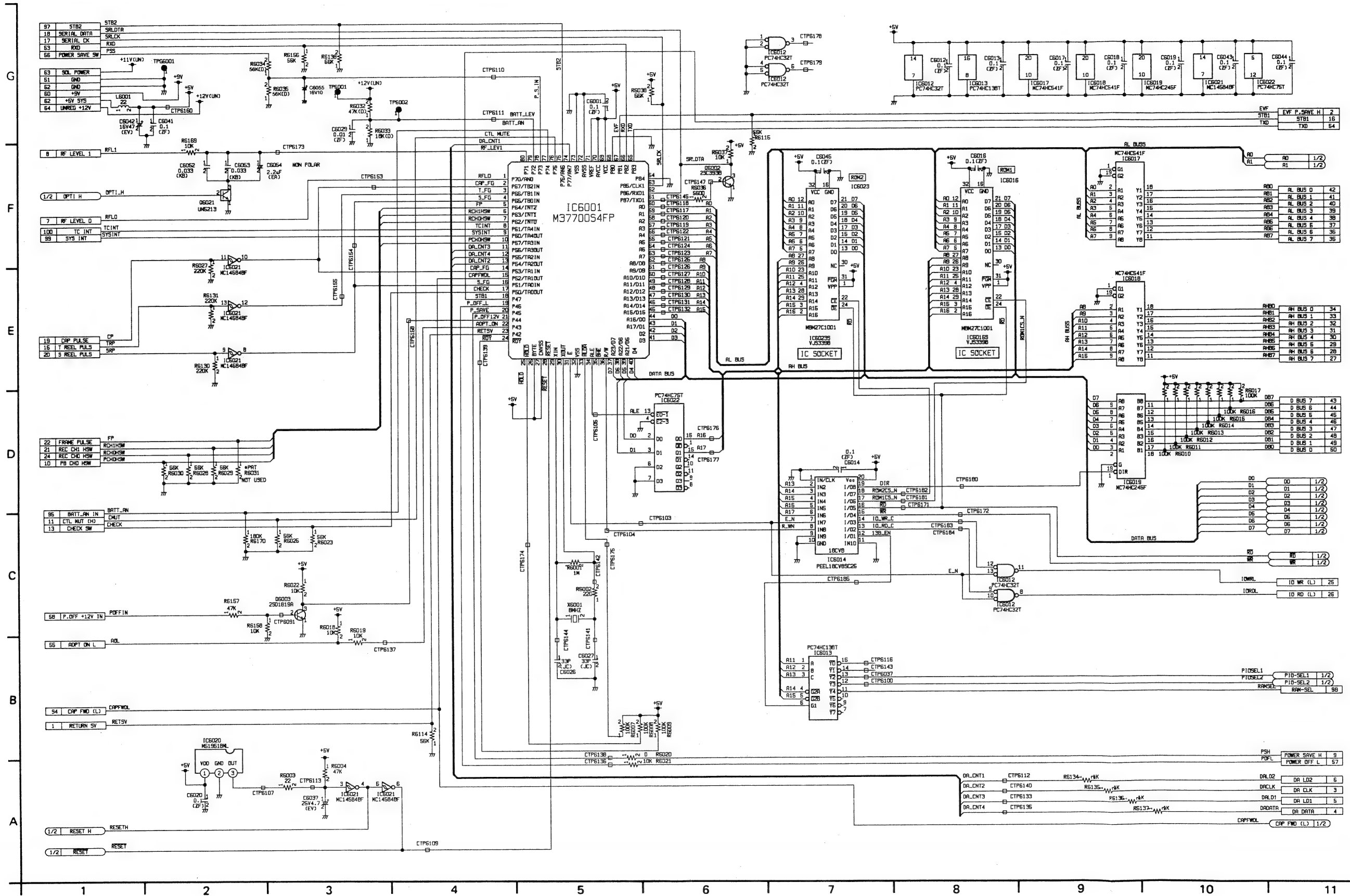
AUDIO A/D SCHEMATIC DIAGRAM



SYSTEM CONTROL SCHEMATIC DIAGRAM 1/2



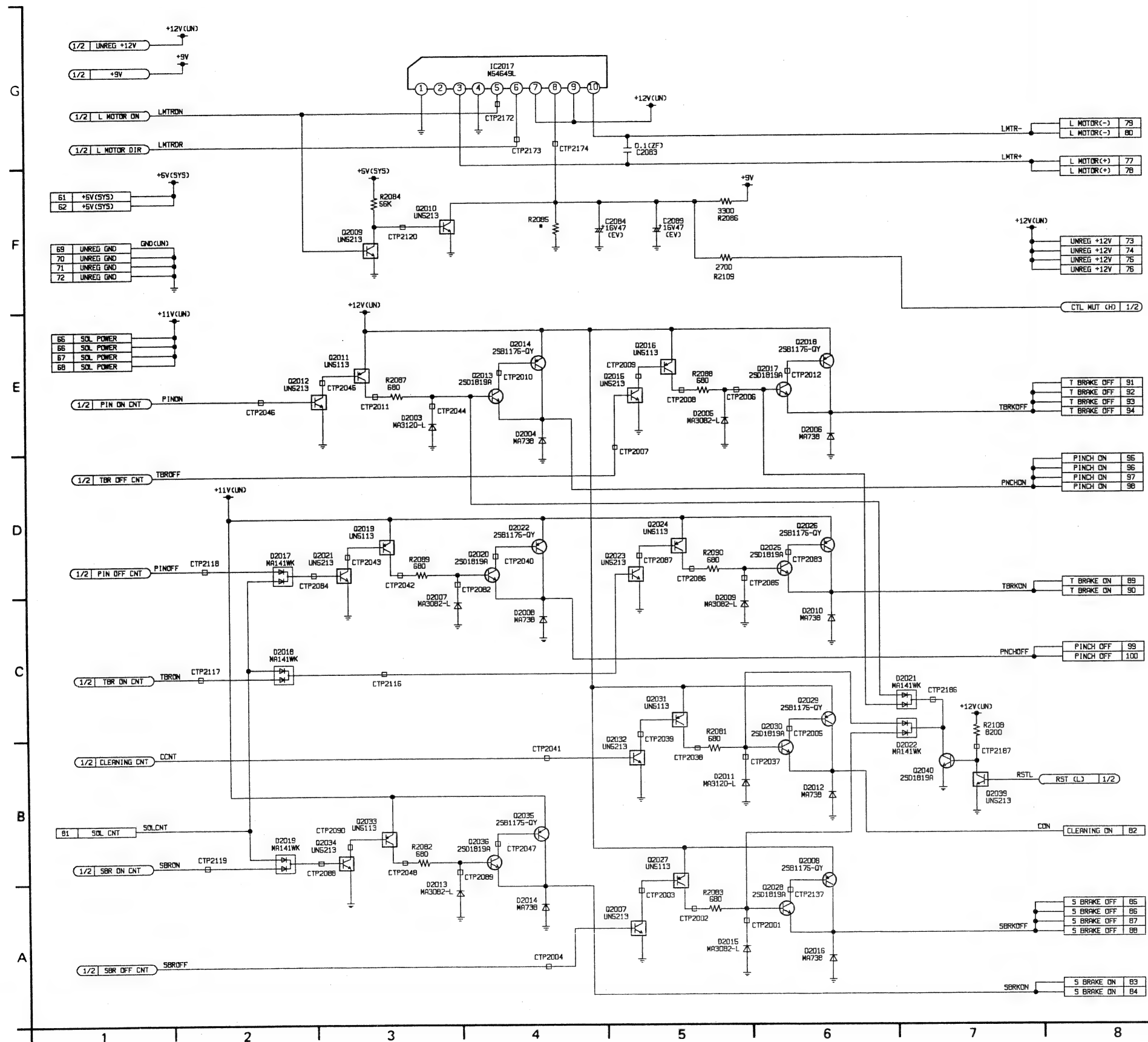
SYSTEM CONTROL SCHEMATIC DIAGRAM 2/2



SERVO 1 SCHEMATIC DIAGRAM 1/2



SERVO 1 SCHEMATIC DIAGRAM 2/2



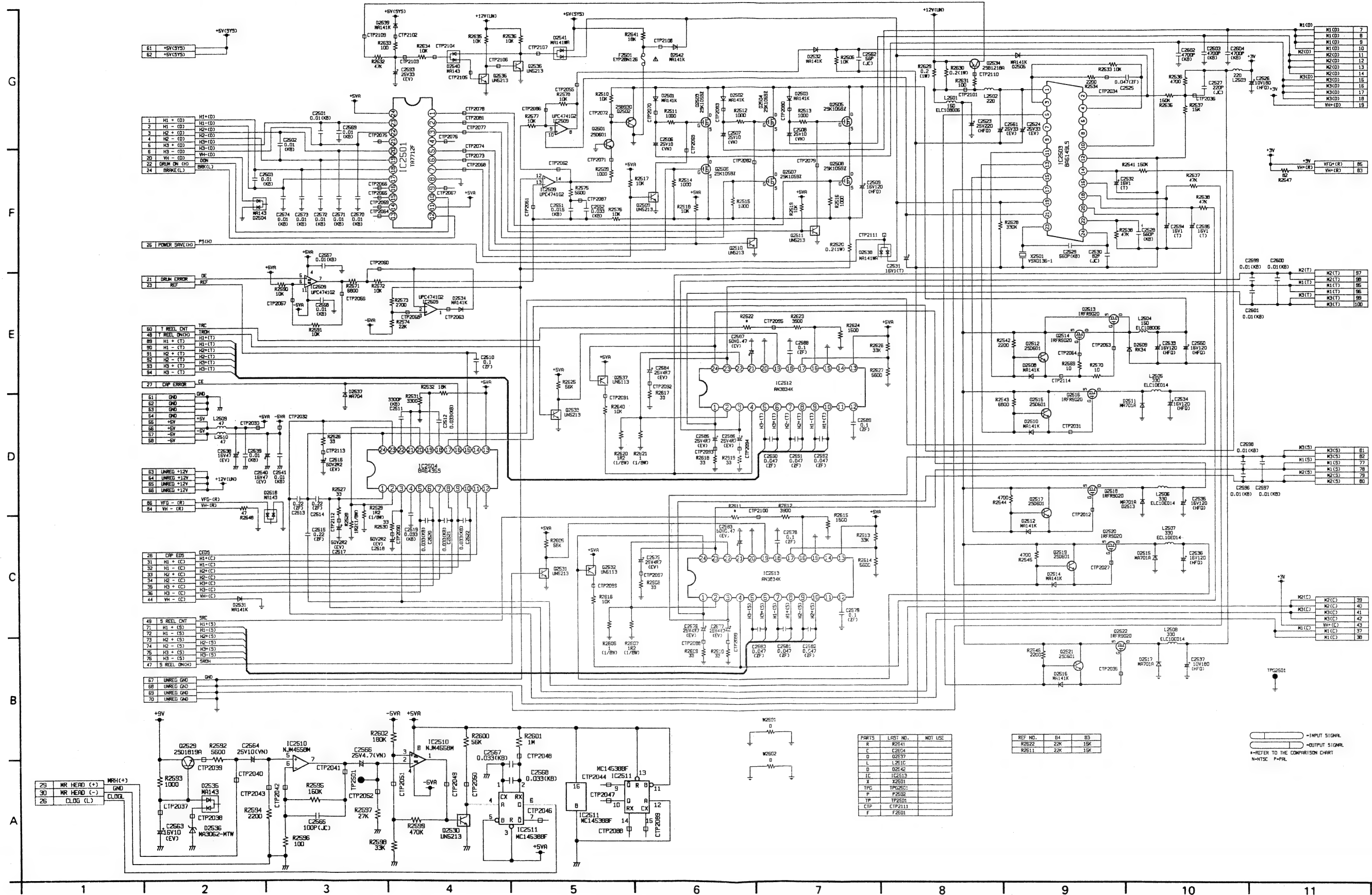
P2001	DRWFG	1/2
1	DRUM FG	1/2
2	DRUM FG GND	1/2
3	PG (+)	1/2
4	PG (-)	1/2
5	DRUM ERROR	1/2
6	DRUM ON (H)	1/2
7	REF	1/2
8	BRKEL	1/2
9	CTL HEAD (+)	1/2
10	CTL HEAD (-)	1/2
11	CTL MUT (H)	1/2
12	0 SERVO LOCK (L)	1/2
13	SLACK (L)	1/2
14	SERVO INIT (H)	1/2
15	TAPE FRAME	1/2
16	STB1	1/2
17	SERIAL CLK	1/2
18	SERIAL DATA	1/2
19	CAP PULSE	1/2
20	CTL PULSE	1/2
21	CAP FWD (L)	1/2
22	FRAME PULSE	1/2
23	FP/2	1/2
24	FP/4	1/2
25	SER HSW	1/2
26	REC CHD HSW	1/2
27	REC CHD HSW	1/2
28	PB CHD HSW	1/2
29	PB CHD HSW	1/2
30	PB FIELD	1/2
31	CAP ERROR	1/2
32	CAP EDS	1/2
33	VR +	1/2
34	CAP FG GND	1/2
35	CAP FG1	1/2
36	CAP FG2	1/2
37	FG + (S)	1/2
38	FG - (S)	1/2
39	FG + (T)	1/2
40	FG - (T)	1/2
41	TENSION GND	1/2
42	TENSION V	1/2
43	TENSION SV	1/2
44	RETURN SV	1/2
45	S REEL PULS	1/2
46	T REEL PULS	1/2
47	S REEL ON (H)	1/2
48	T REEL ON (H)	1/2
49	S REEL CNT	1/2
50	T REEL CNT	1/2

P2002	GND	1/2
61	GND	1/2
62	GND	1/2
63	GND	1/2
64	GND	1/2
65	+5V	1/2
66	+5V	1/2
67	+5V	1/2
68	+5V	1/2
69	+5V	1/2
70	+5V	1/2
71	+5V	1/2
72	+5V	1/2
73	+5V	1/2
74	+5V	1/2
75	+5V	1/2
76	+5V	1/2
77	+5V	1/2
78	+5V	1/2
79	+5V	1/2
80	+5V	1/2
81	+5V	1/2
82	+5V	1/2
83	+5V	1/2
84	+5V	1/2
85	+5V	1/2
86	+5V	1/2
87	+5V	1/2
88	+5V	1/2
89	+5V	1/2
90	+5V	1/2
91	+5V	1/2
92	+5V	1/2
93	+5V	1/2
94	+5V	1/2
95	+5V	1/2
96	+5V	1/2
97	+5V	1/2
98	+5V	1/2
99	+5V	1/2
100	+5V	1/2

* = NOT USED

SERVO 2 SCHEMATIC DIAGRAM

SERVO 2 SCHEMATIC DIAGRAM



REVERSE SIDE SERVO 1 2/2 SCHEMATIC DIAGRAM

SCM-38

SCM-38

The schematic diagram illustrates the internal architecture of the P1001 V.FP2990S02 power management IC. Key components include:

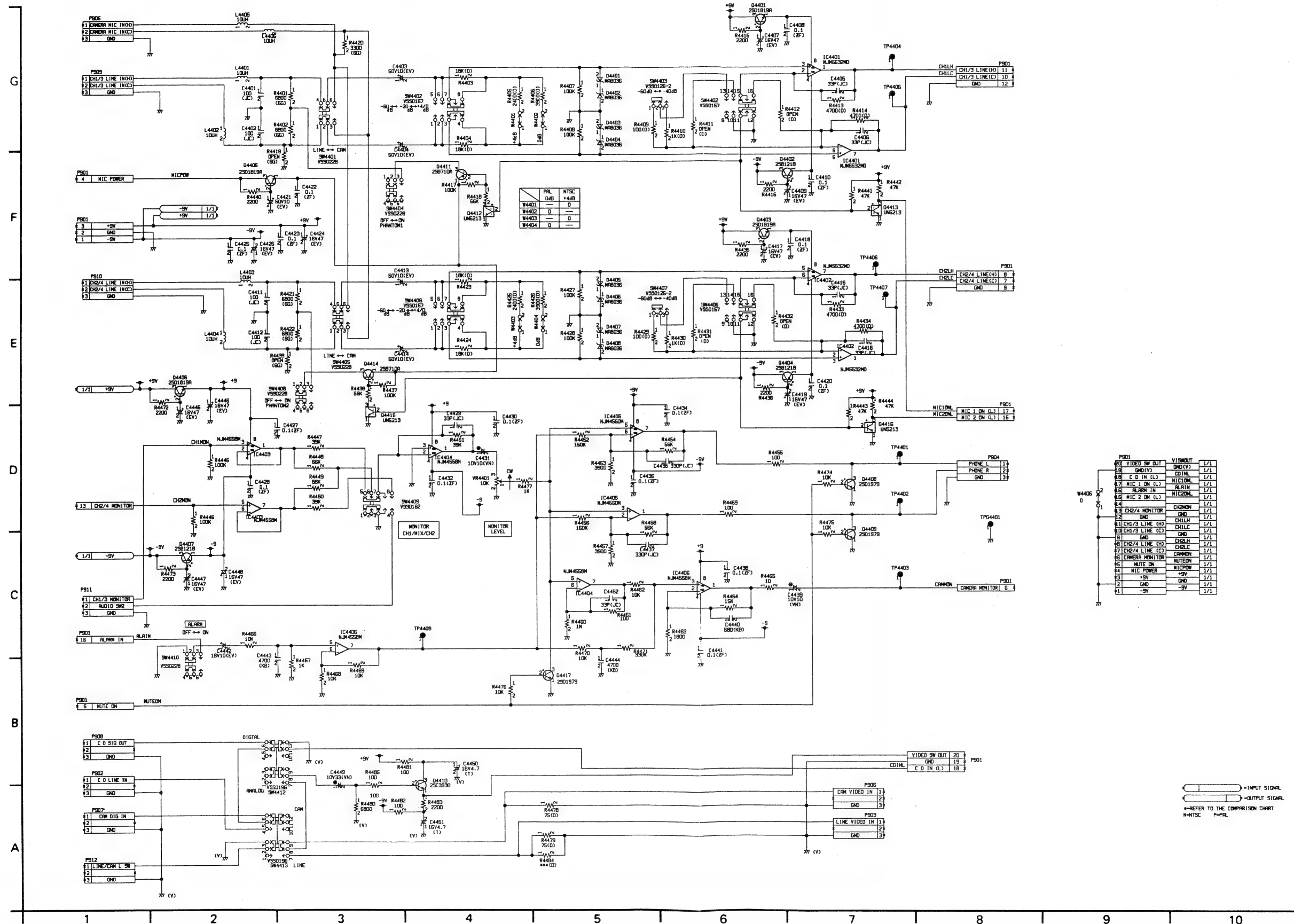
- Operational Amplifiers:** IC1001 (TL1451CNS), IC1002 (TL1451CNS), IC1003 (TL1451CNS), IC1004 (TL1451CNS), and IC1006 (TL7700PMS).
- Comparators:** CTP1001 through CTP1018.
- Resistors:** R1001 through R1098, with values ranging from 1k to 10k.
- Capacitors:** C1001 through C1054, with values ranging from 1pF to 100nF.
- Diodes:** D1001 through D1018, including Schottky diodes and Zener diodes.
- Inductors:** L1001 through L1018, with values ranging from 100nH to 100uH.

The diagram also includes a table of pin functions on the left and right sides, detailing inputs, outputs, and ground connections for various pins.

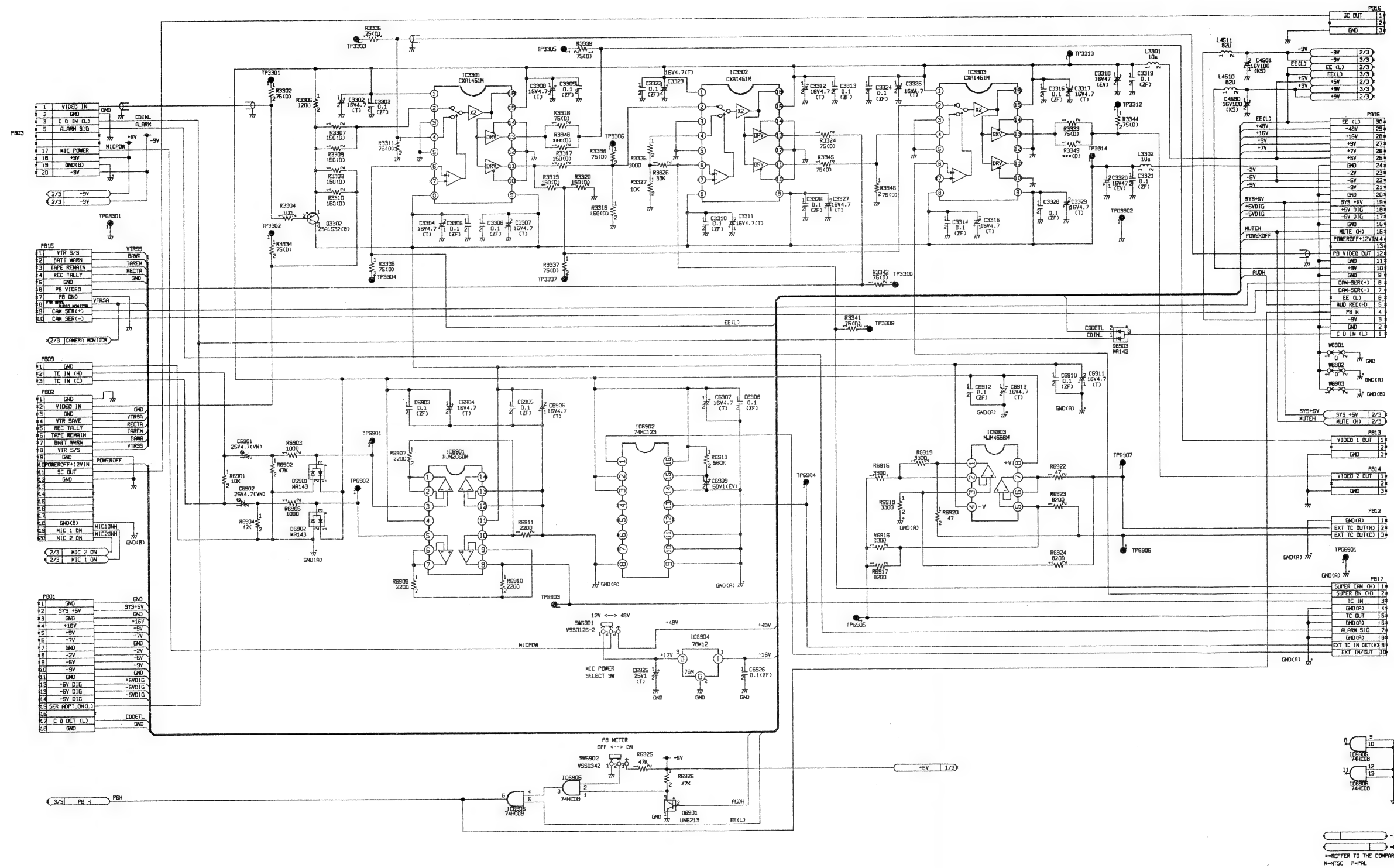
Pin	Function	Pin	Function
1	UNREG GND	26	GND
2	UNREG GND	27	GND
3	UNREG GND	28	GND
4	UNREG GND	29	GND
5	UNREG GND	30	GND
6	UNREG GND	31	GND
7	REC P.SAVE (H)	32	GND
8	REC P.SAVE (H)	33	GND
9	REC P.SAVE (H)	34	GND
10	REC P.SAVE (H)	35	GND
11	REC P.SAVE (H)	36	GND
12	REC P.SAVE (H)	37	GND
13	REC P.SAVE (H)	38	GND
14	REC P.SAVE (H)	39	GND
15	REC P.SAVE (H)	40	GND
16	REC P.SAVE (H)	41	GND
17	REC P.SAVE (H)	42	GND
18	REC P.SAVE (H)	43	GND
19	REC P.SAVE (H)	44	GND
20	REC P.SAVE (H)	45	GND
21	REC P.SAVE (H)	46	GND
22	REC P.SAVE (H)	47	GND
23	REC P.SAVE (H)	48	GND
24	REC P.SAVE (H)	49	GND
25	REC P.SAVE (H)	50	GND

JACK 1 SCHEMATIC DIAGRAM

JACK 1 SCHEMATIC DIAGRAM

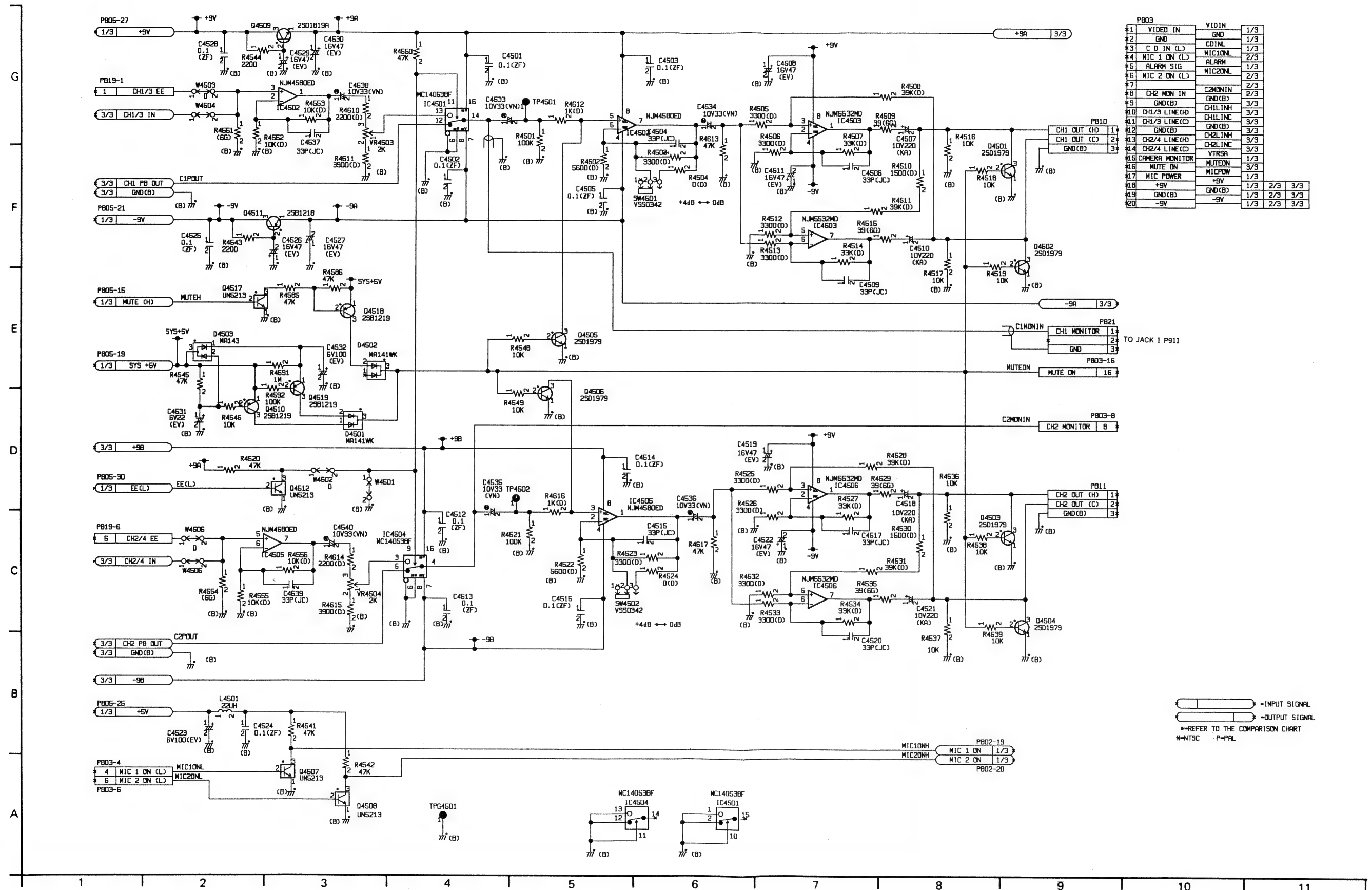


JACK 2 SCHEMATIC DIAGRAM 1/3

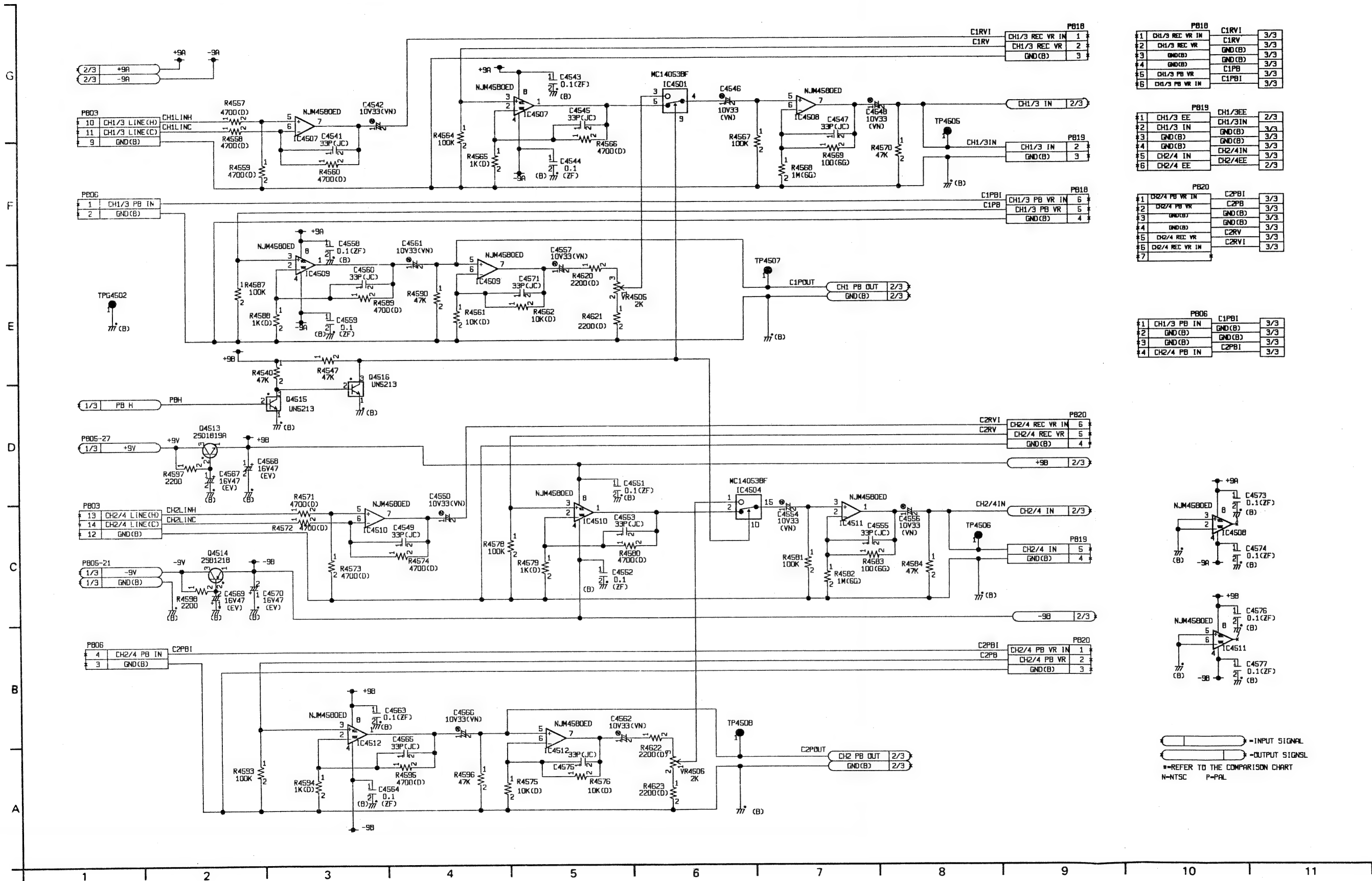


JACK 2 2/3
SCHEMATIC DIAGRAM

JACK 2 SCHEMATIC DIAGRAM 2/3



JACK 2 SCHEMATIC DIAGRAM 3/3

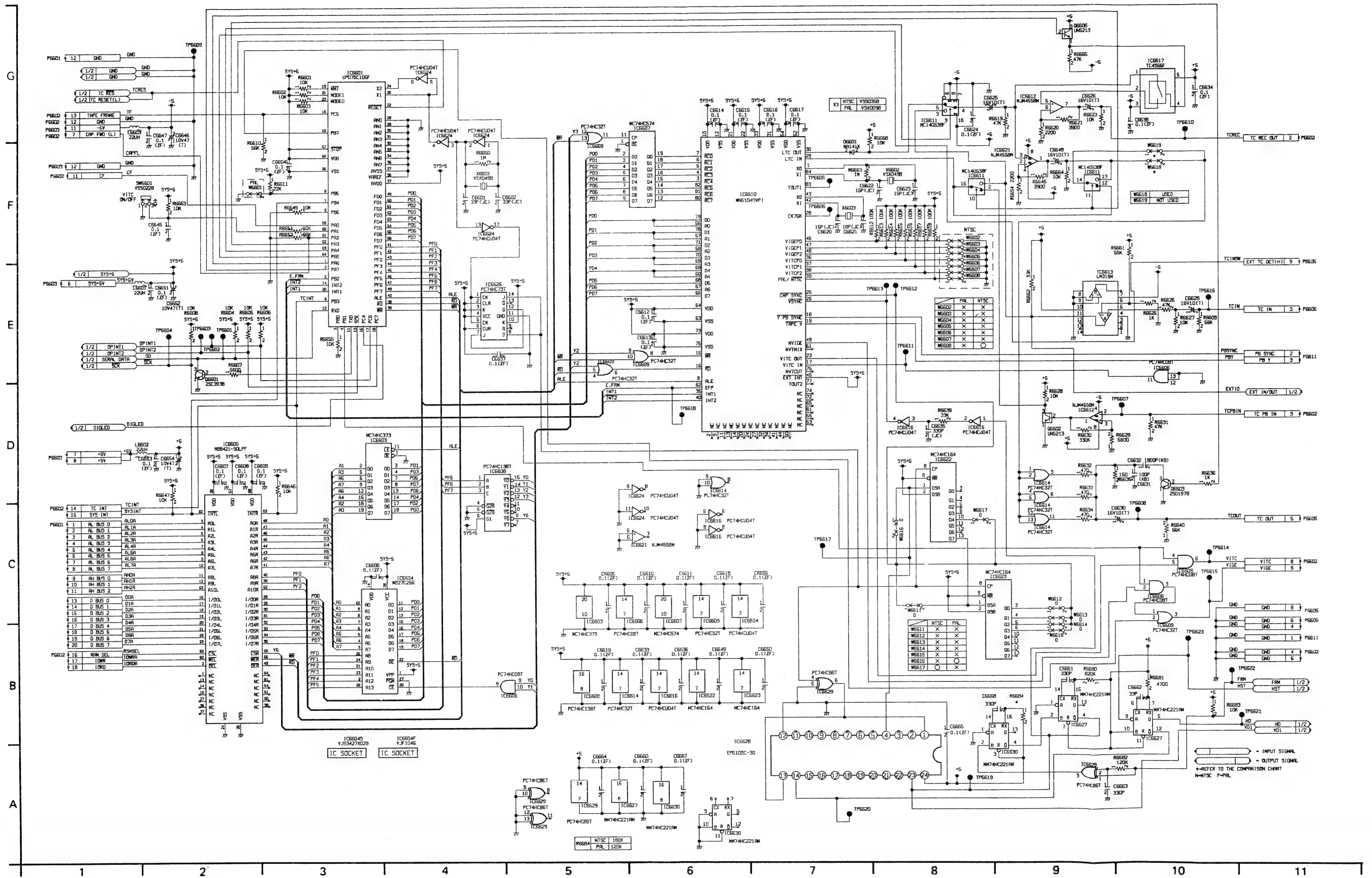


TC & OPERATE SCHEMATIC DIAGRAM 1/2



SCM-44

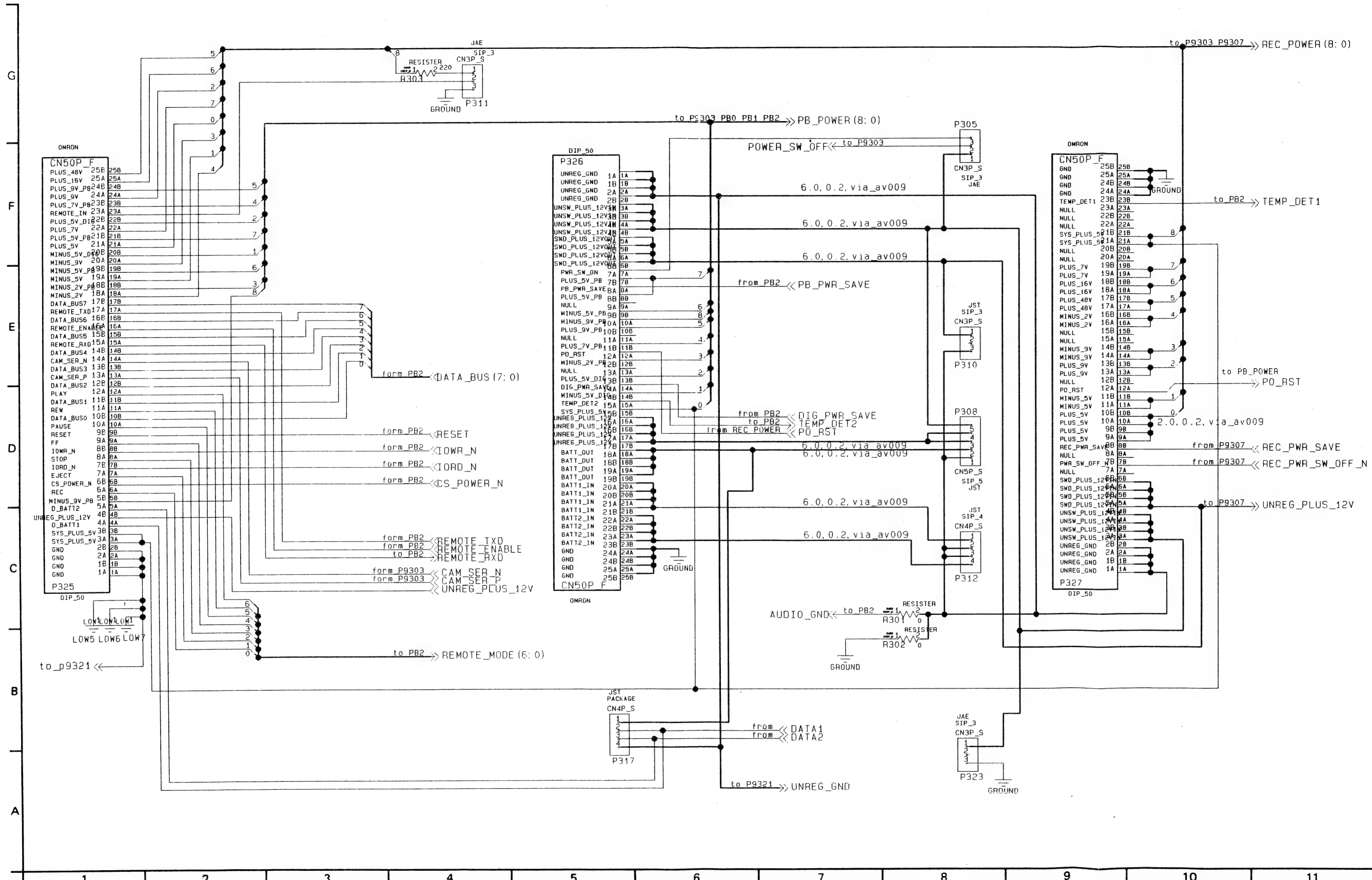
TC & OPERATE SCHEMATIC DIAGRAM 2/2



PB & POWER'S MOTHER SCHEMATIC DIAGRAM 1/3

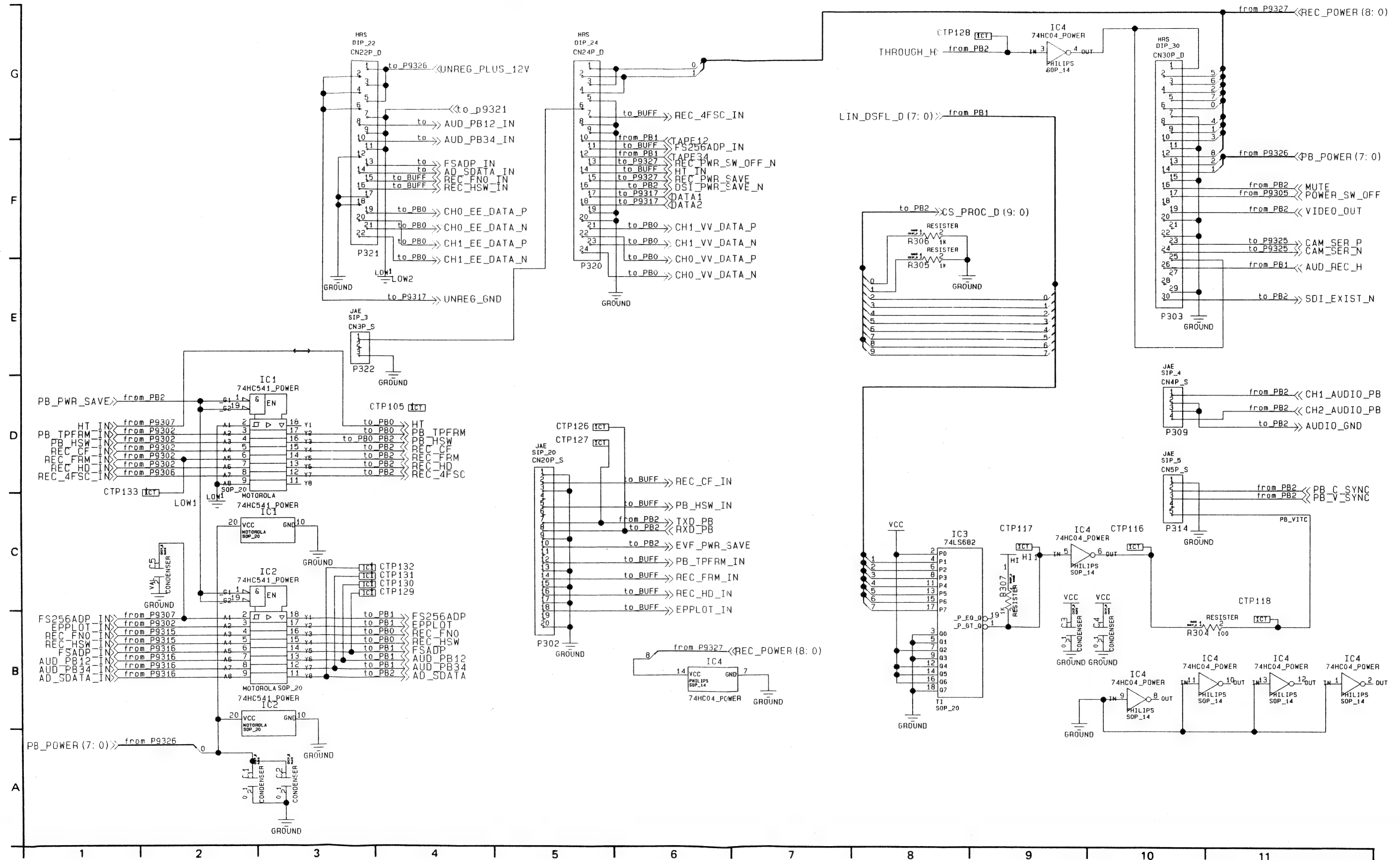


PB & POWER'S MOTHER SCHEMATIC DIAGRAM 2/3



PB & POWER'S MOTHER 3/3
SCHEMATIC DIAGRAM

PB & POWER'S MOTHER SCHEMATIC DIAGRAM 3/3



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REVERSE SIDE PB & POWER'S MOTHER 2/3
SCHEMATIC DIAGRAM

SCM-48

1

2

3

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5

6

7

8

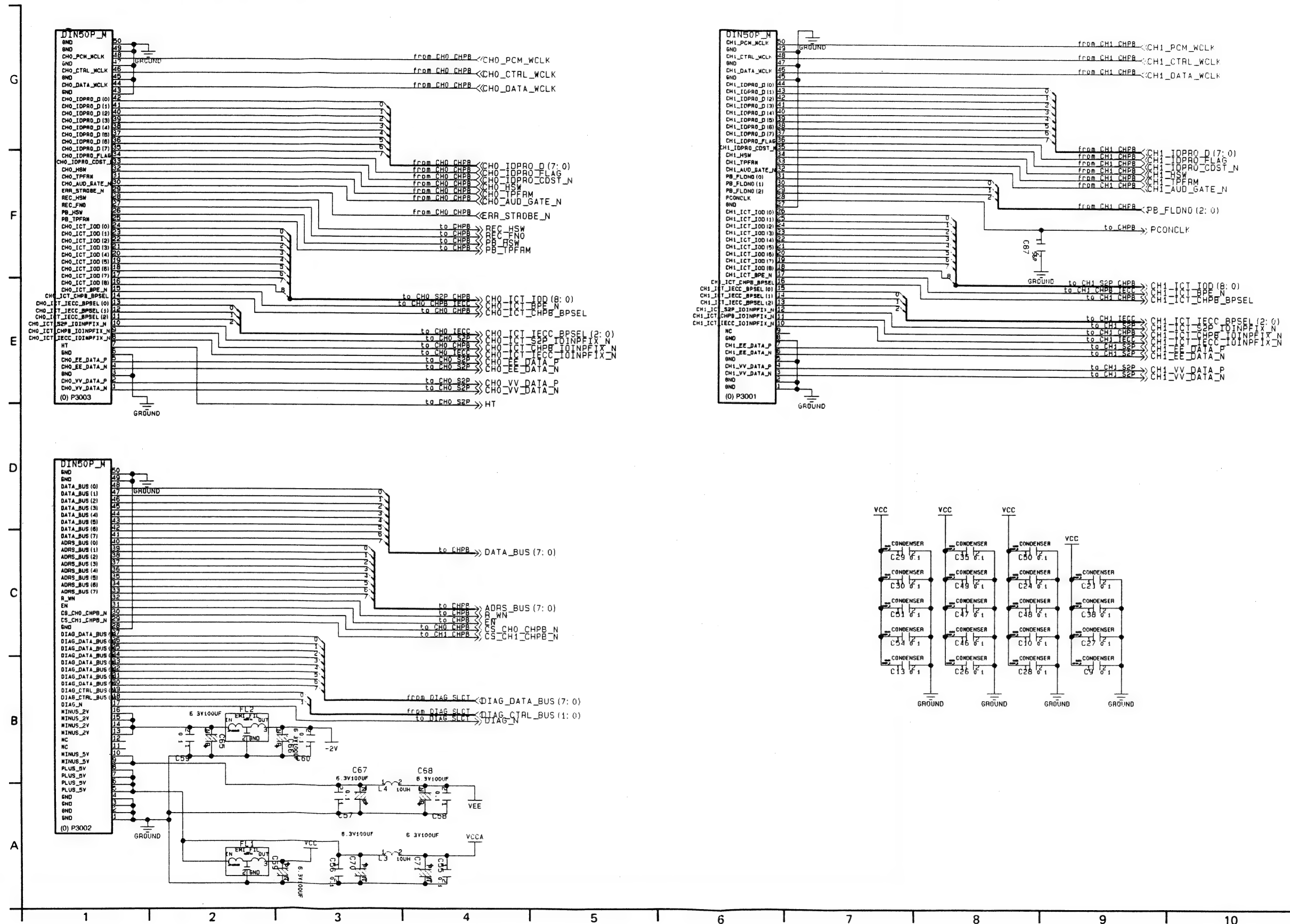
9

10

11

PB0 BLOCK 2/11
SCHEMATIC DIAGRAM

PB0 BLOCK/SCHEMATIC DIAGRAM 2/11

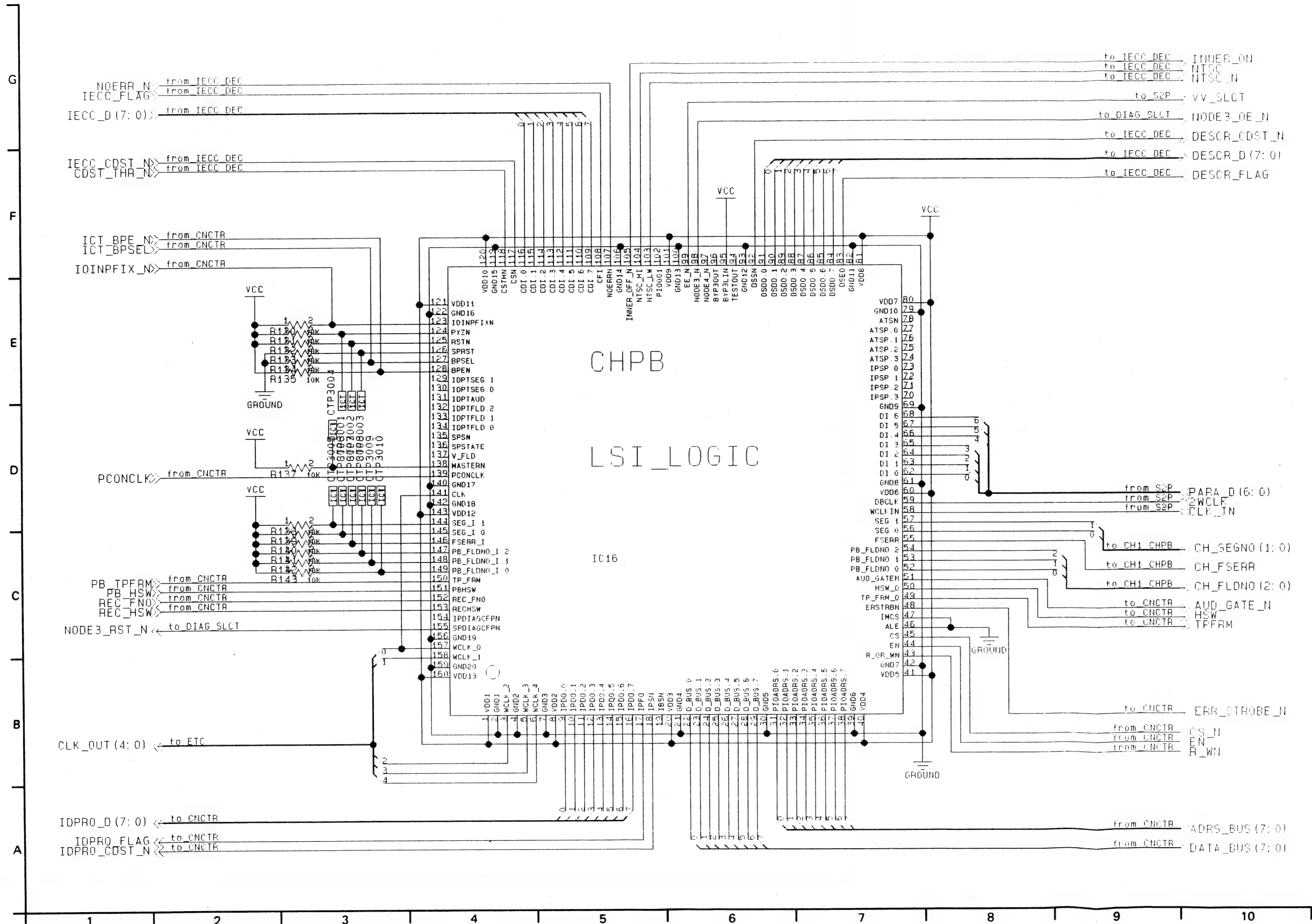


SCM-50

REVERSE SIDE PB0 BLOCK 1/11
SCHEMATIC DIAGRAM

SCM-50

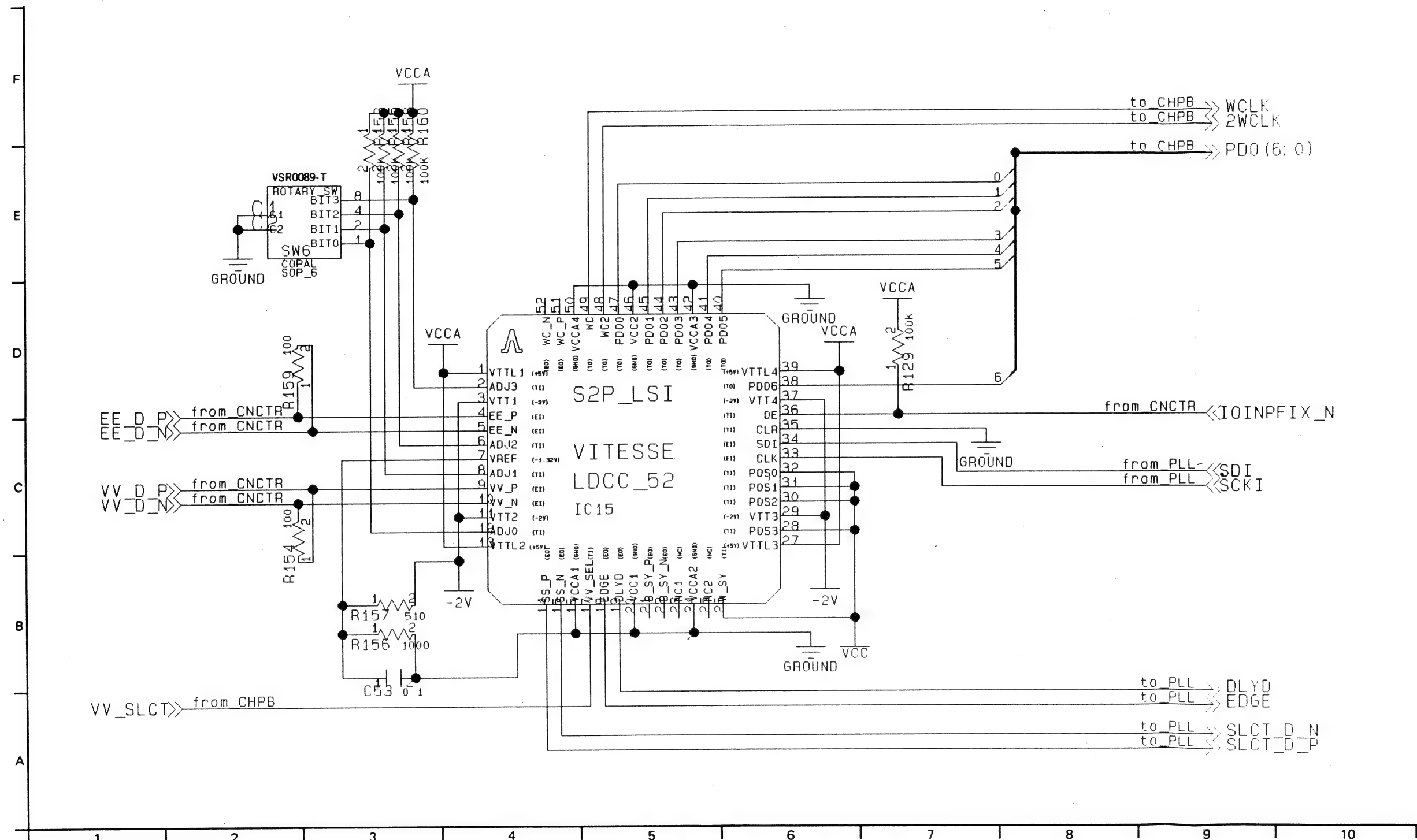
PB0 BLOCK/SCHEMATIC DIAGRAM 3/11



PB0 BLOCK/SCHEMATIC DIAGRAM 4/11

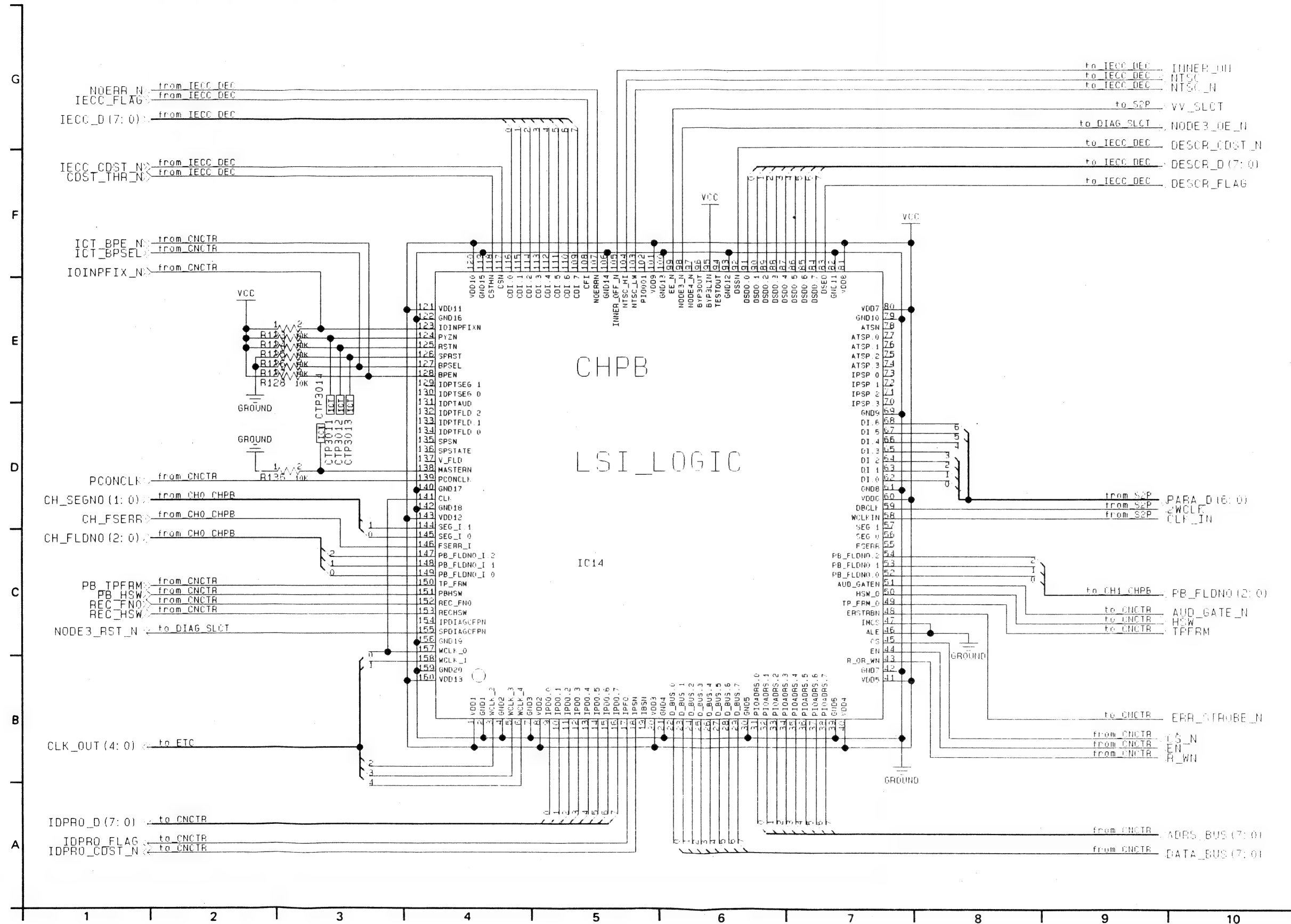


PB0 BLOCK/SCHEMATIC DIAGRAM 5/11

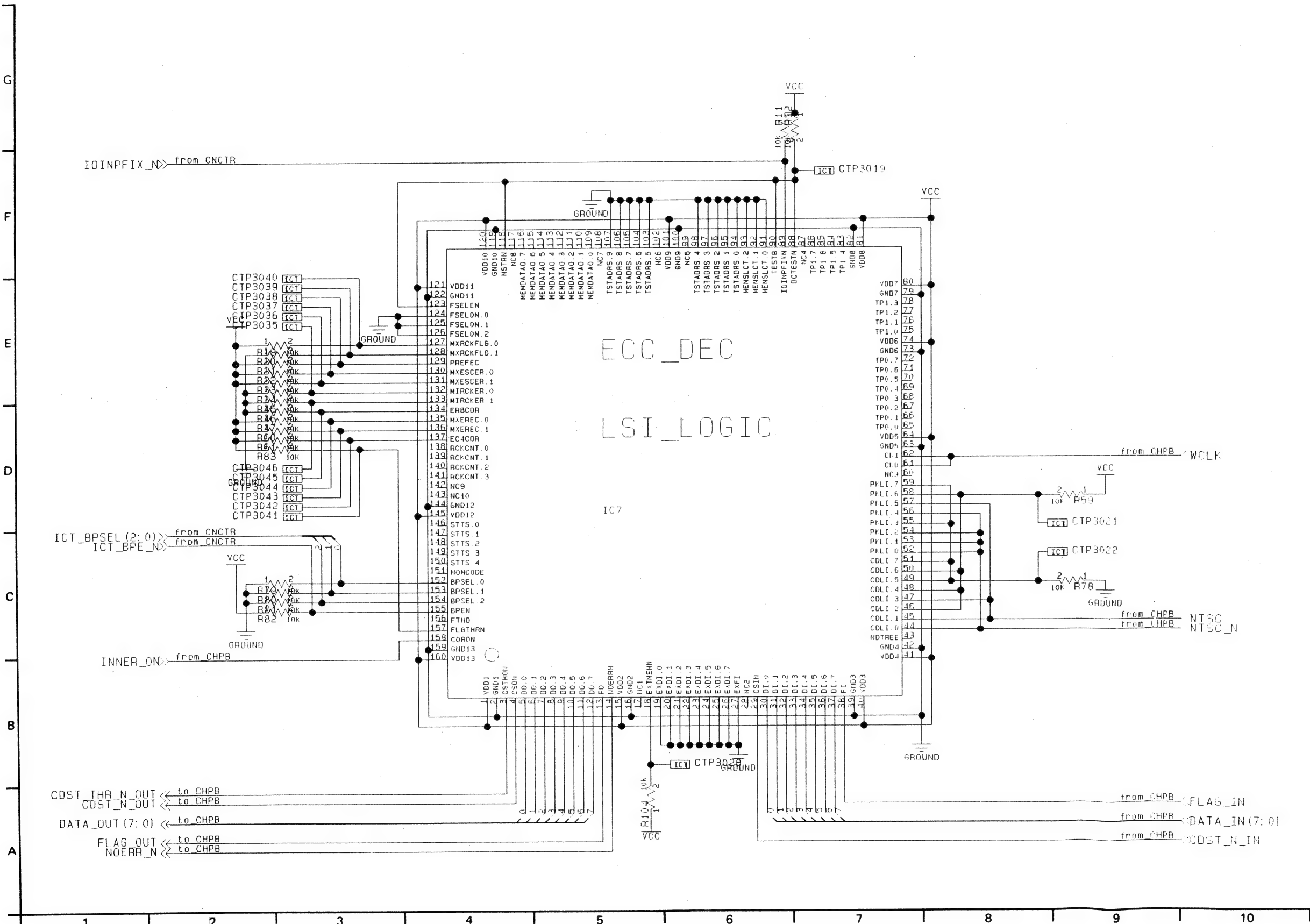


PBO BLOCK 6/11
SCHEMATIC DIAGRAM

PBO BLOCK/SCHEMATIC DIAGRAM 6/11

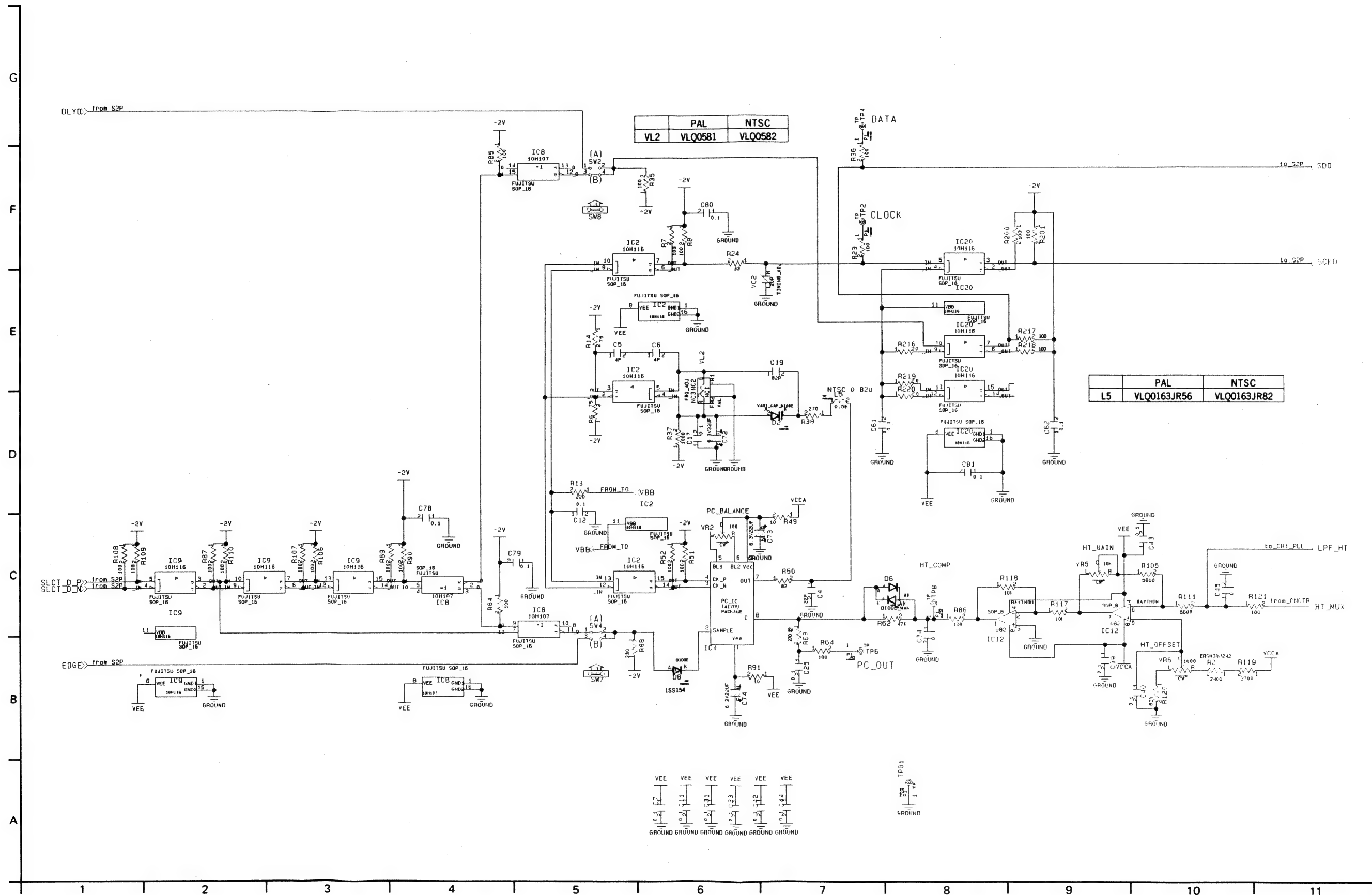


PBO BLOCK/SCHEMATIC DIAGRAM 7/11

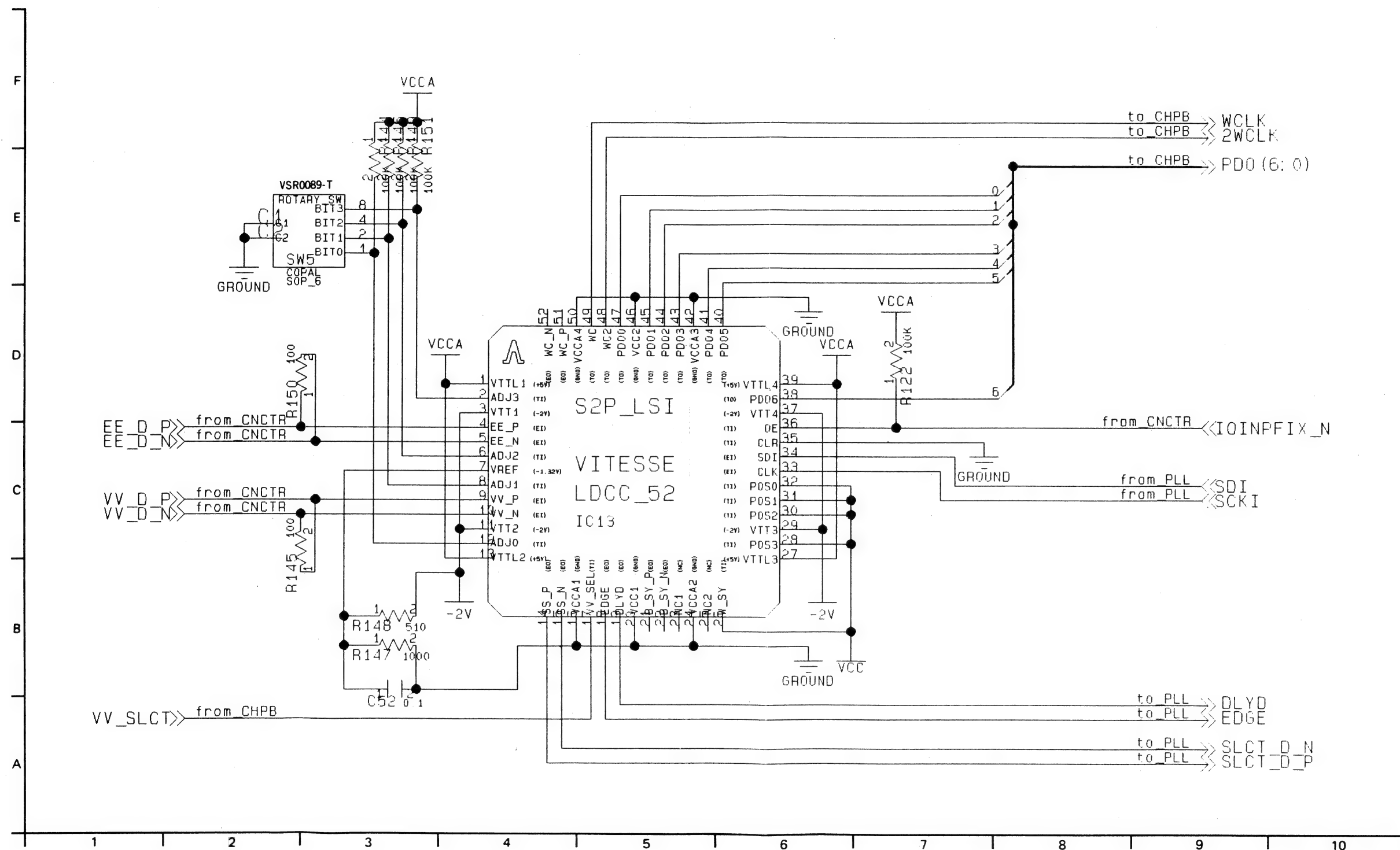


PBO BLOCK 8/11
SCHEMATIC DIAGRAM

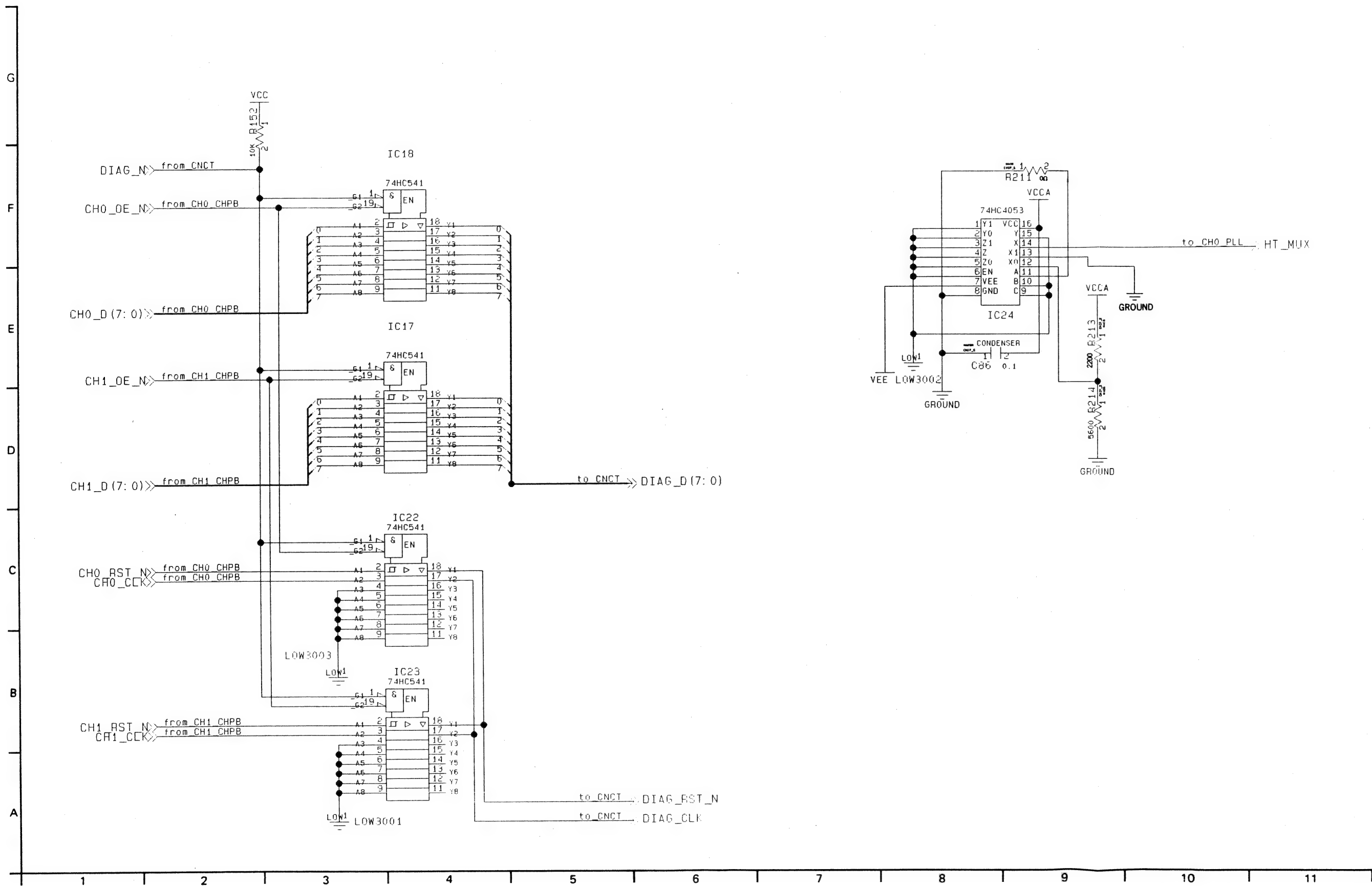
PBO BLOCK/SCHEMATIC DIAGRAM 8/11



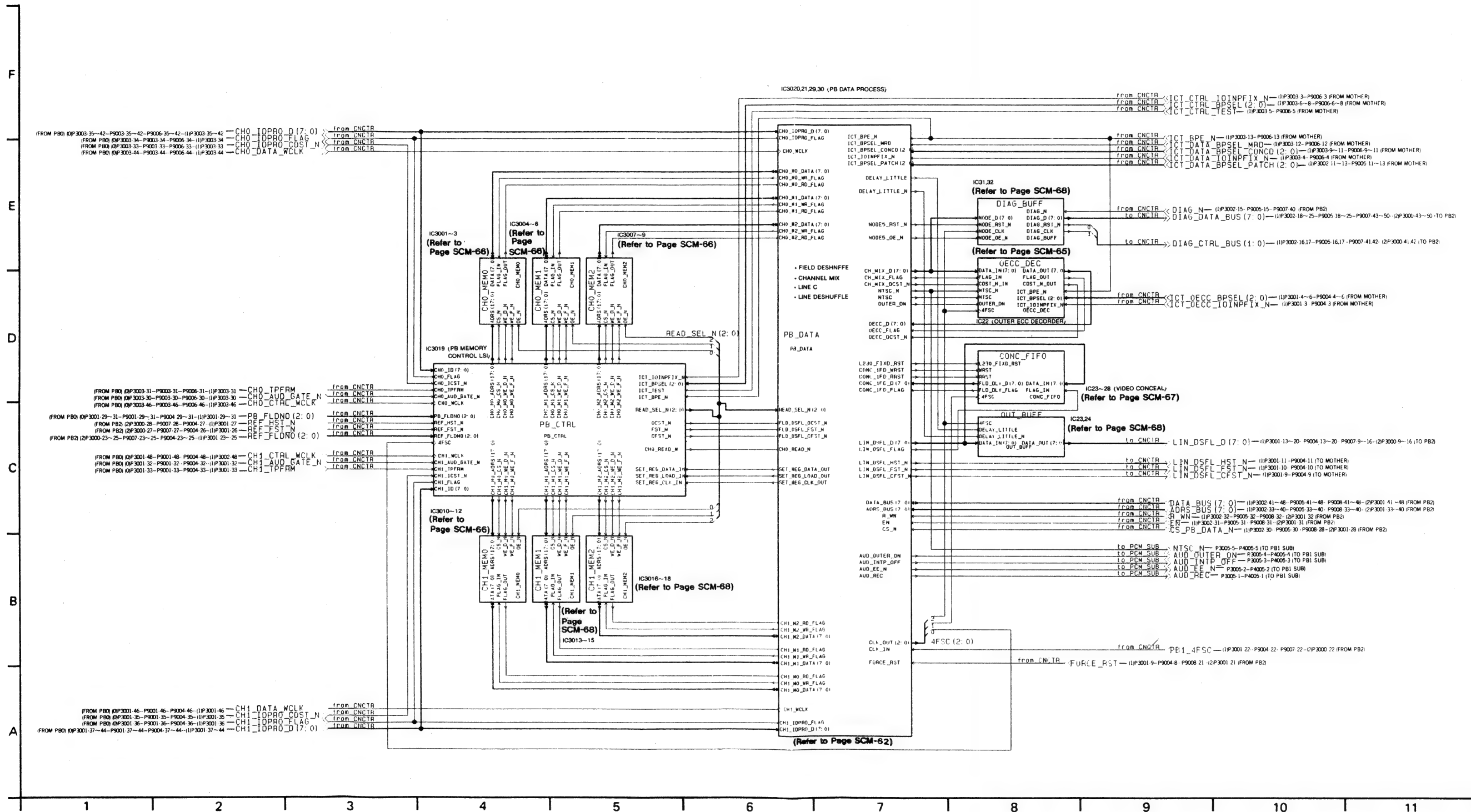
PB0 BLOCK/SCHEMATIC DIAGRAM 10/11



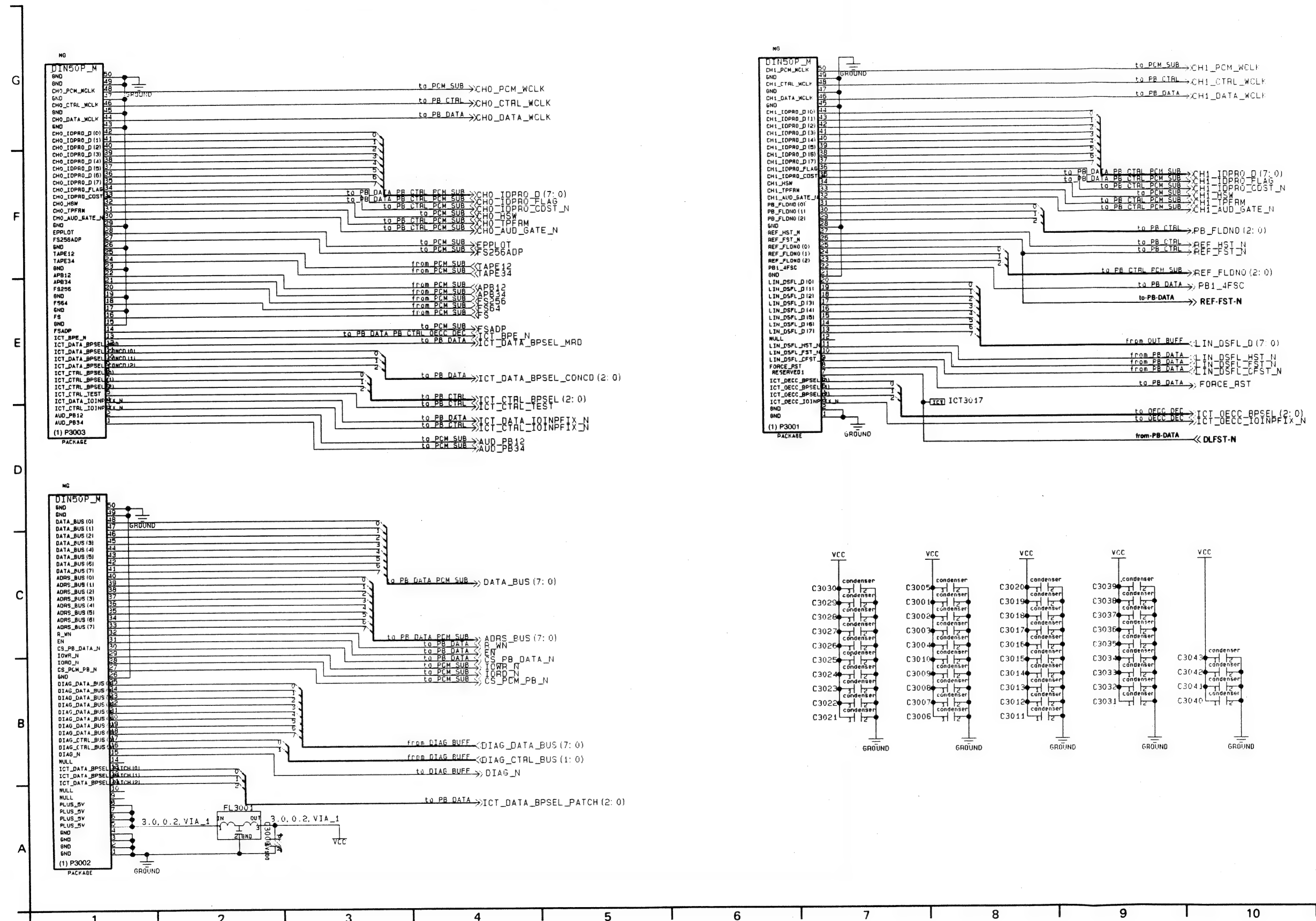
PB0 BLOCK/SCHEMATIC DIAGRAM 11/11



PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 1/9



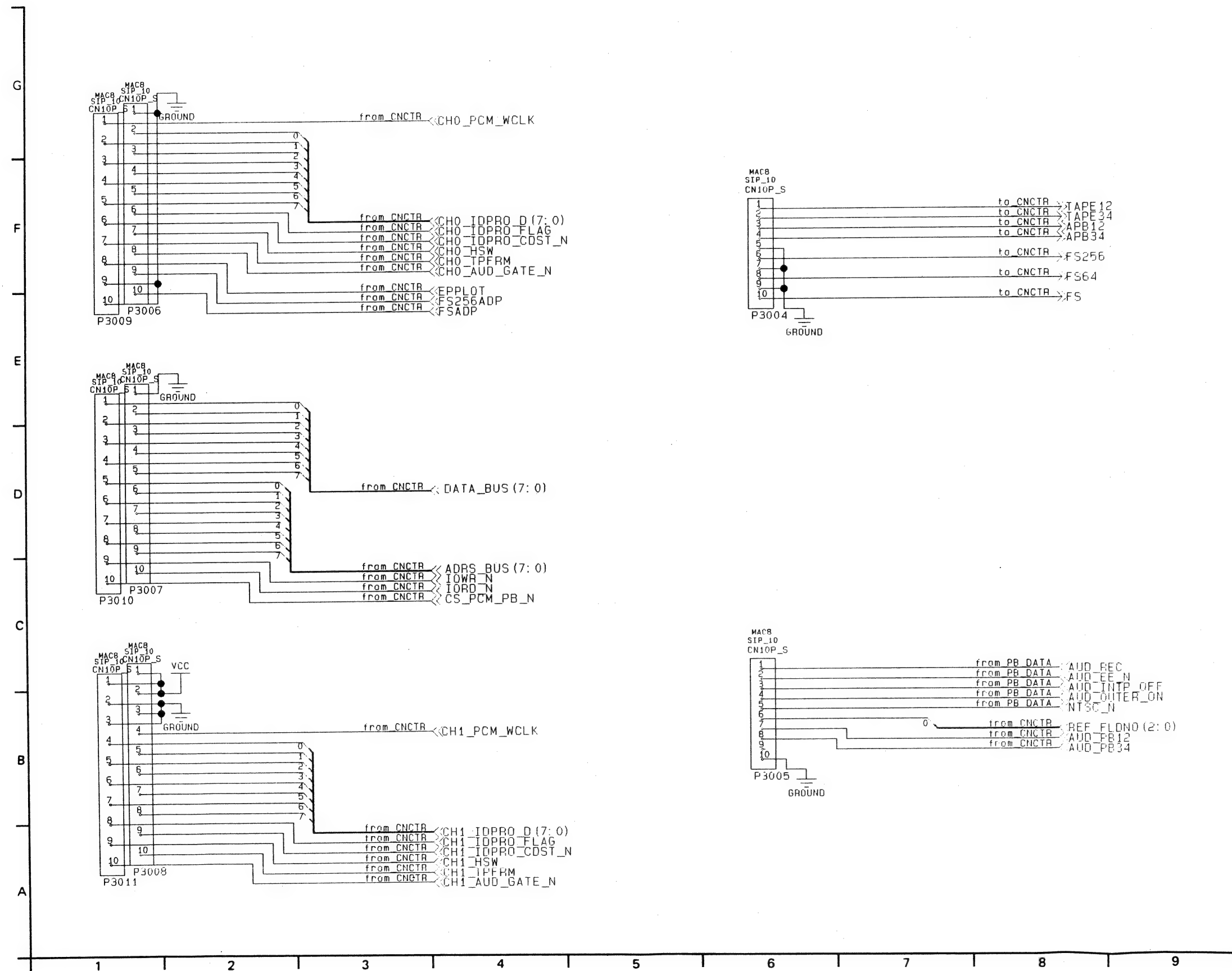
PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 2/9



PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 3/9

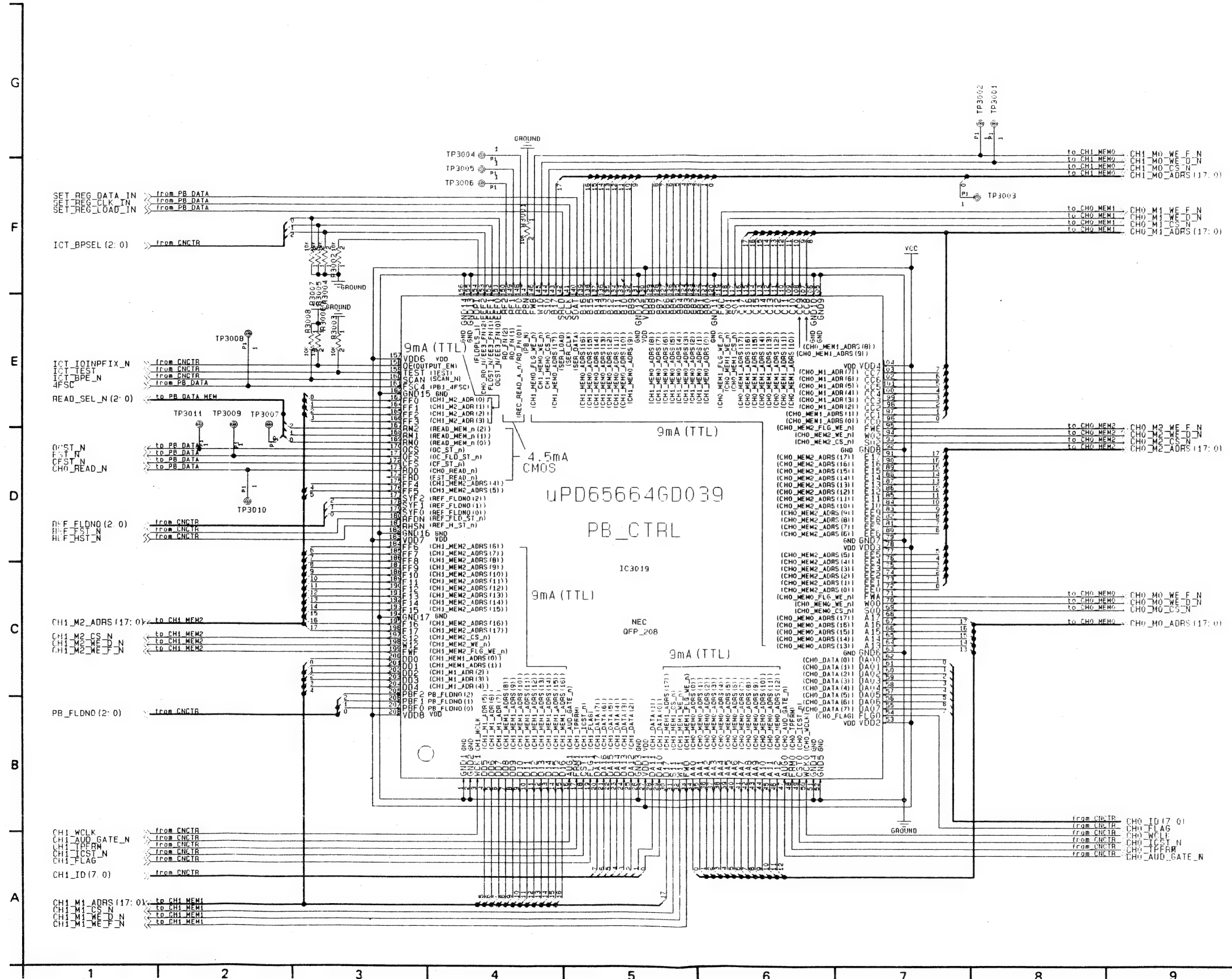


PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 4/9

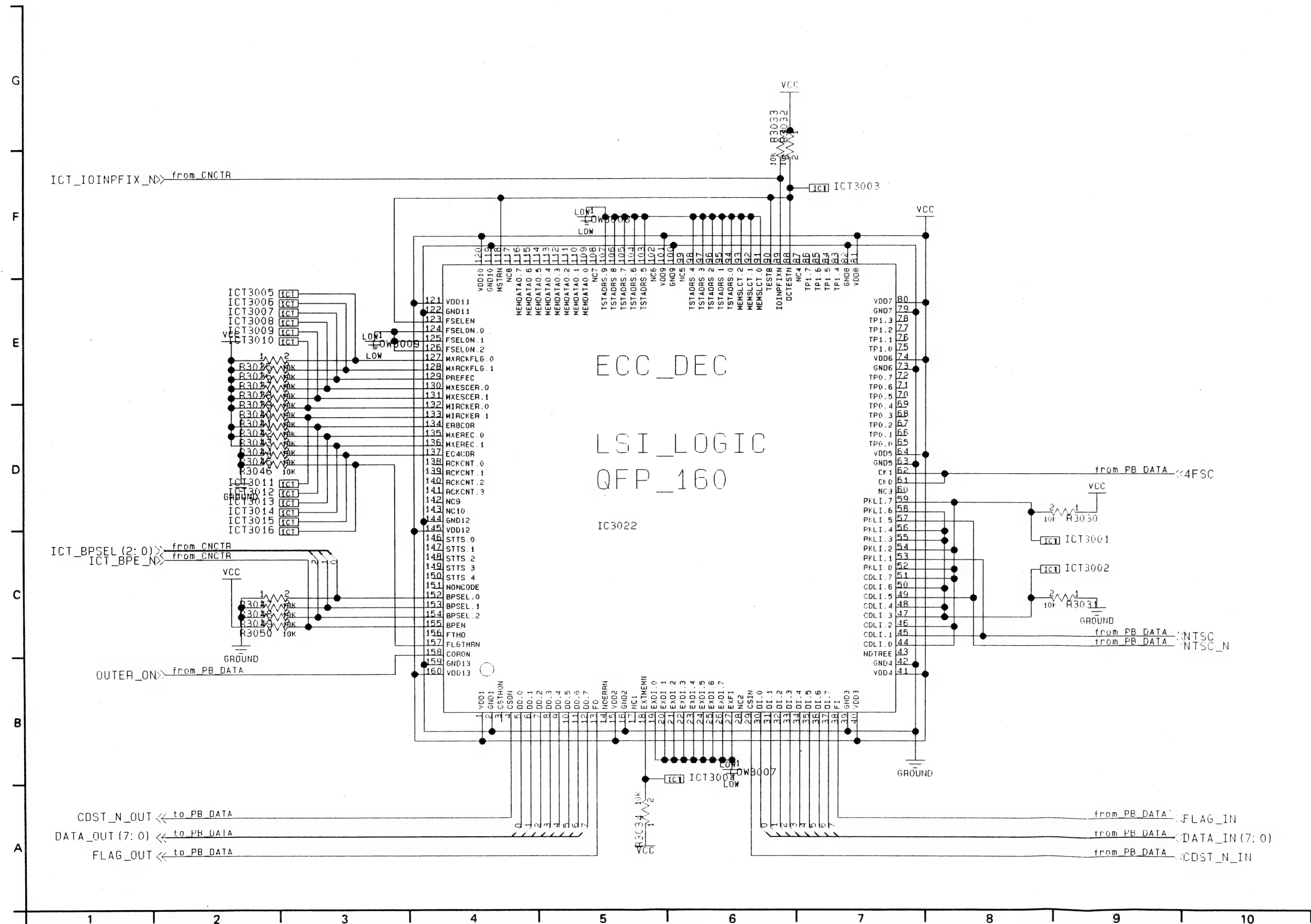


PB1 (VIDEO) BLOCK 5/9
SCHEMATIC DIAGRAM

PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 5/9

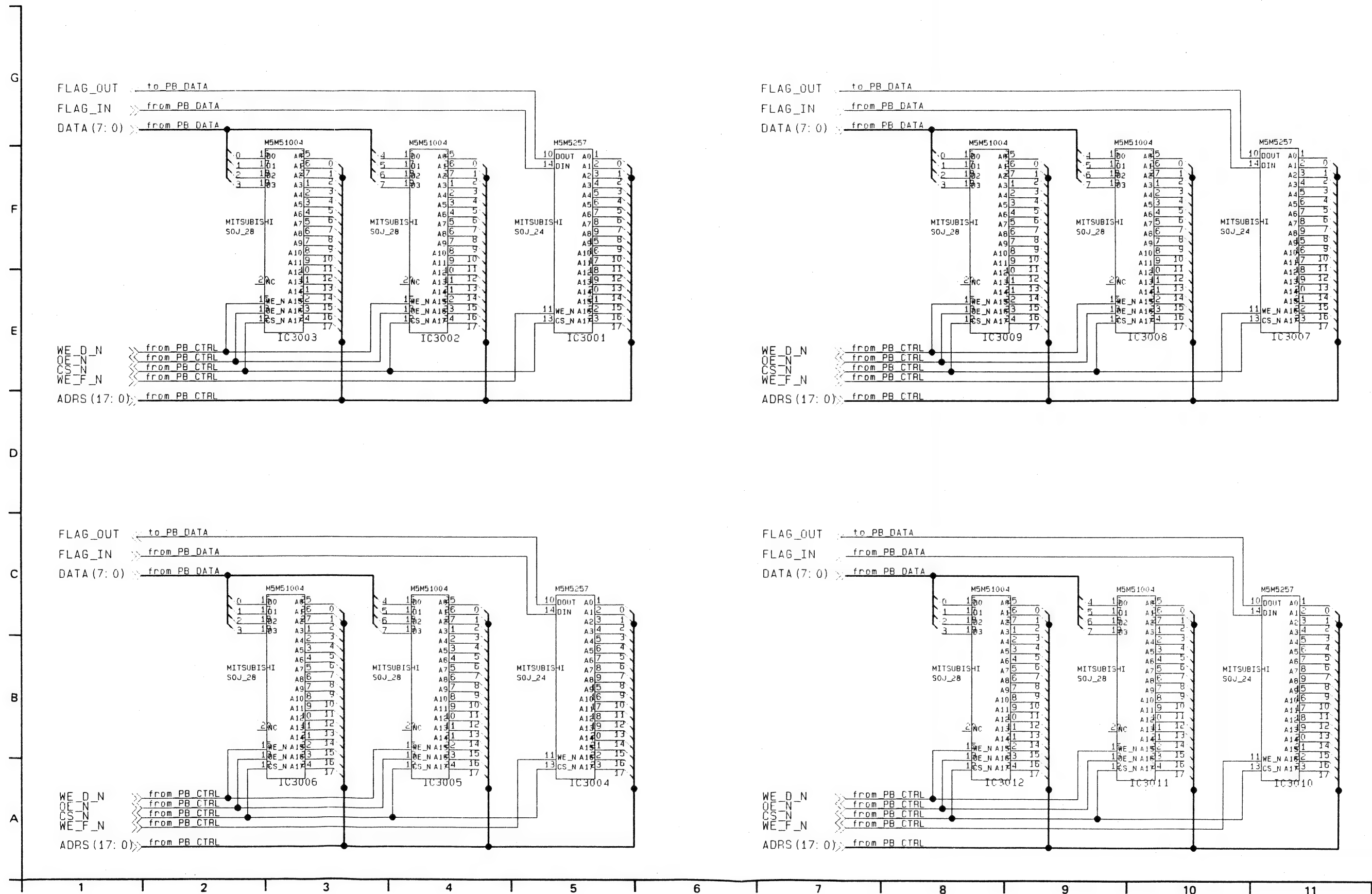


PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 6/9



PB1 (VIDEO) BLOCK 7/9
SCHEMATIC DIAGRAM

PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 7/9

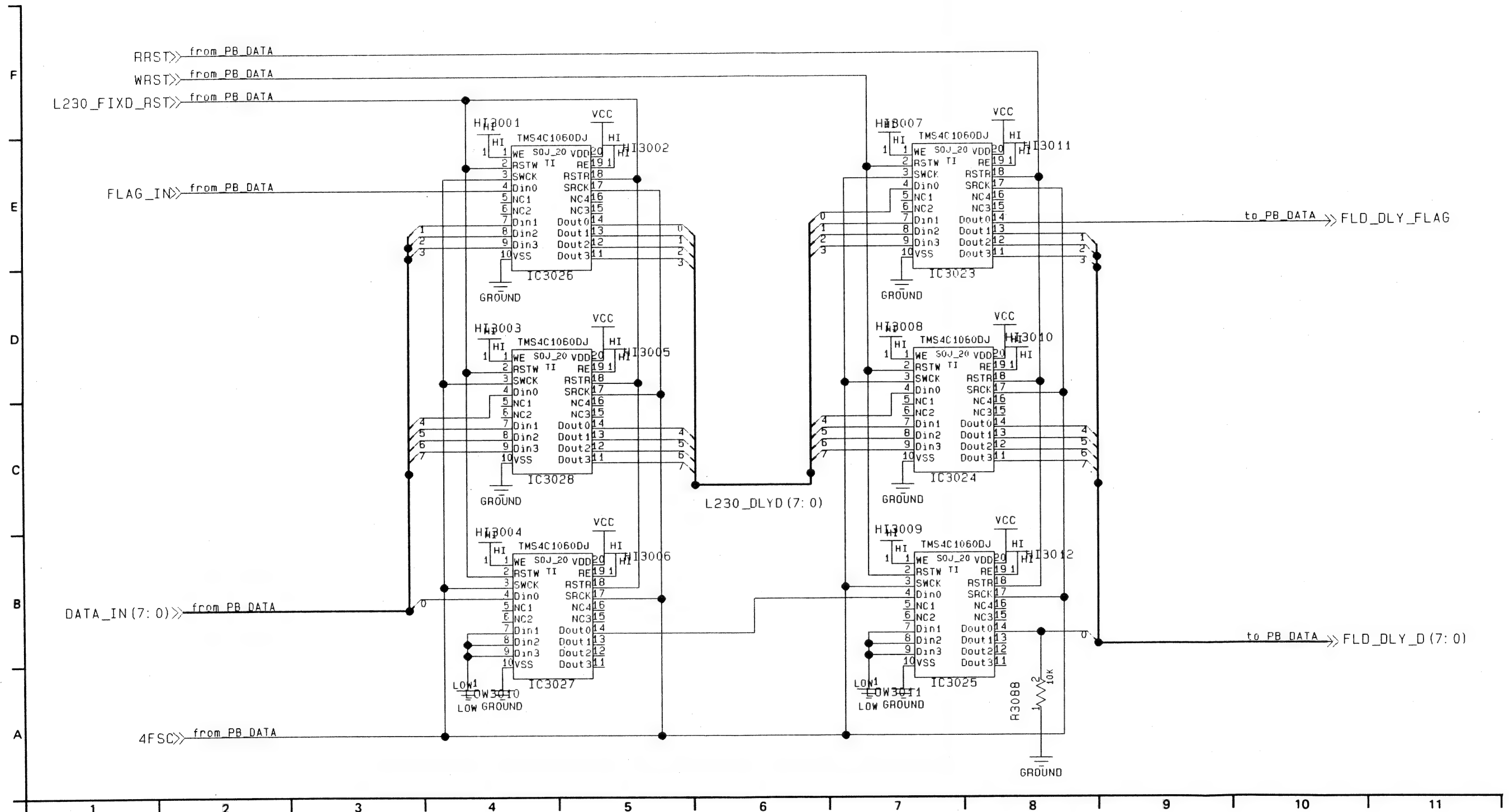


SCM-66

REVERSE SIDE PB1 (VIDEO) BLOCK 6/9
SCHEMATIC DIAGRAM

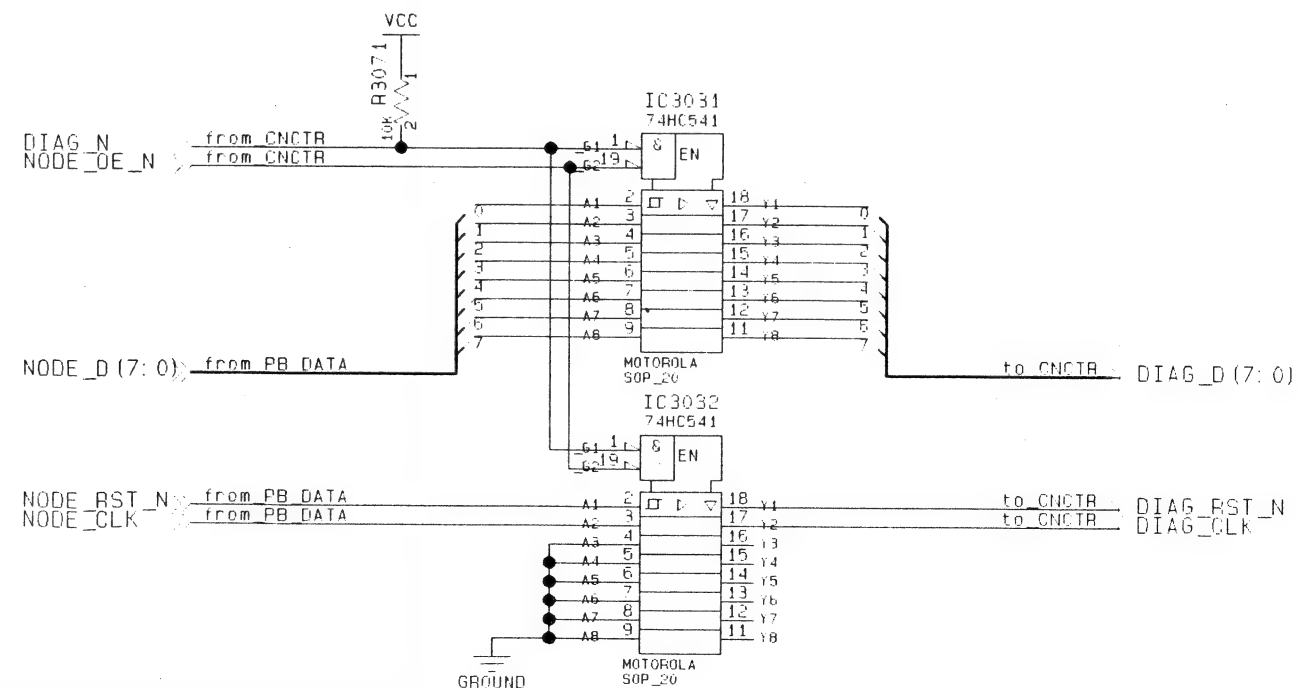
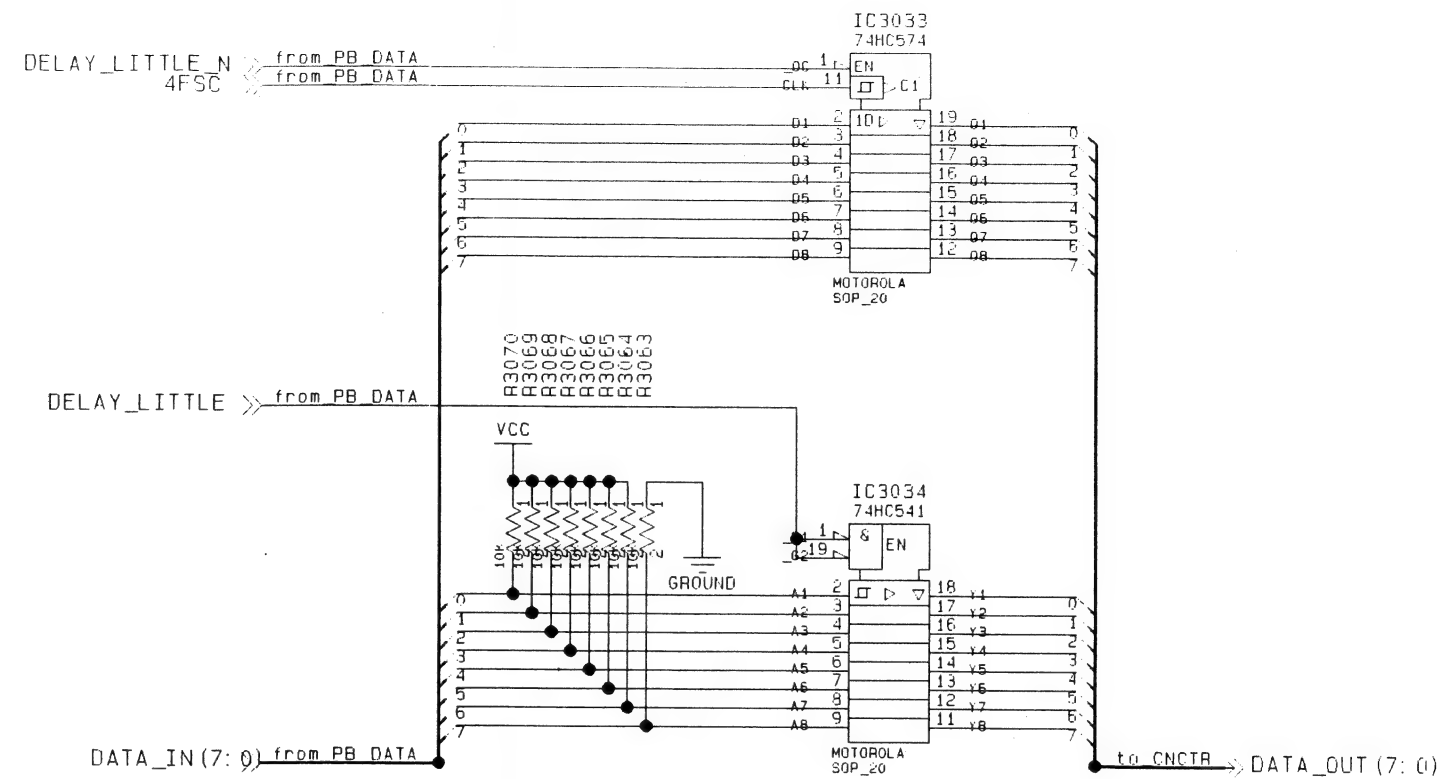
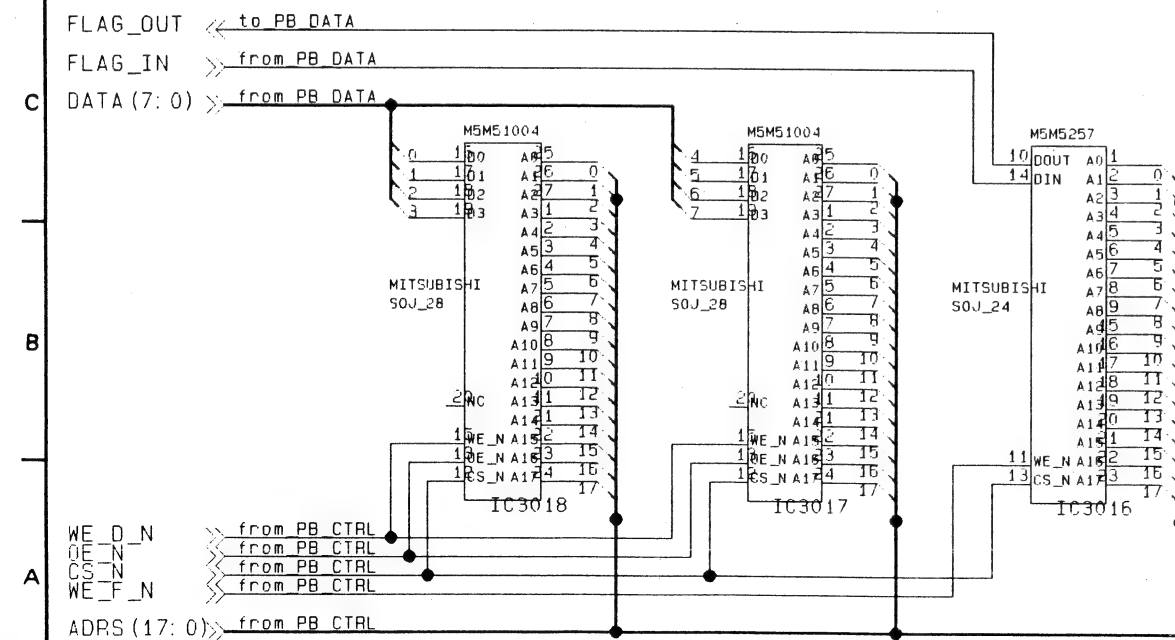
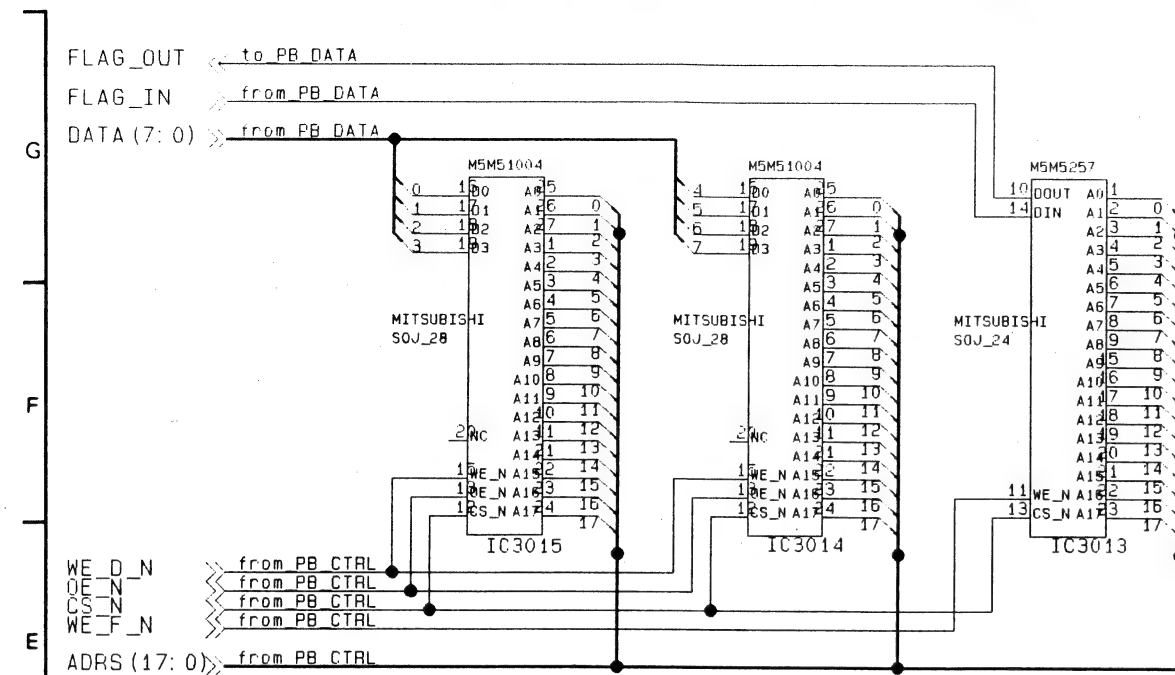
SCM-66

PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 8/9

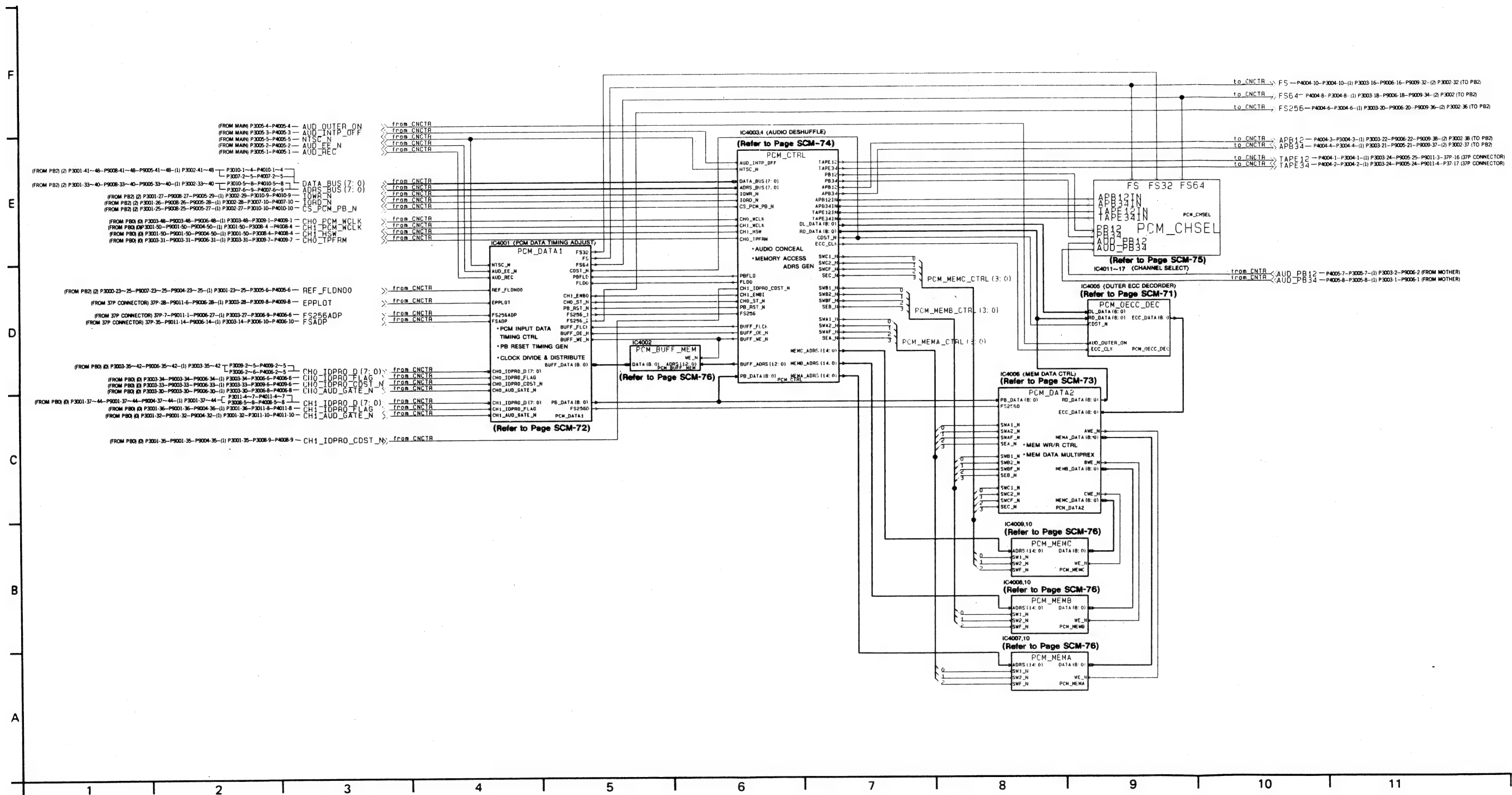


PB1 (VIDEO) BLOCK 9/9
SCHEMATIC DIAGRAM

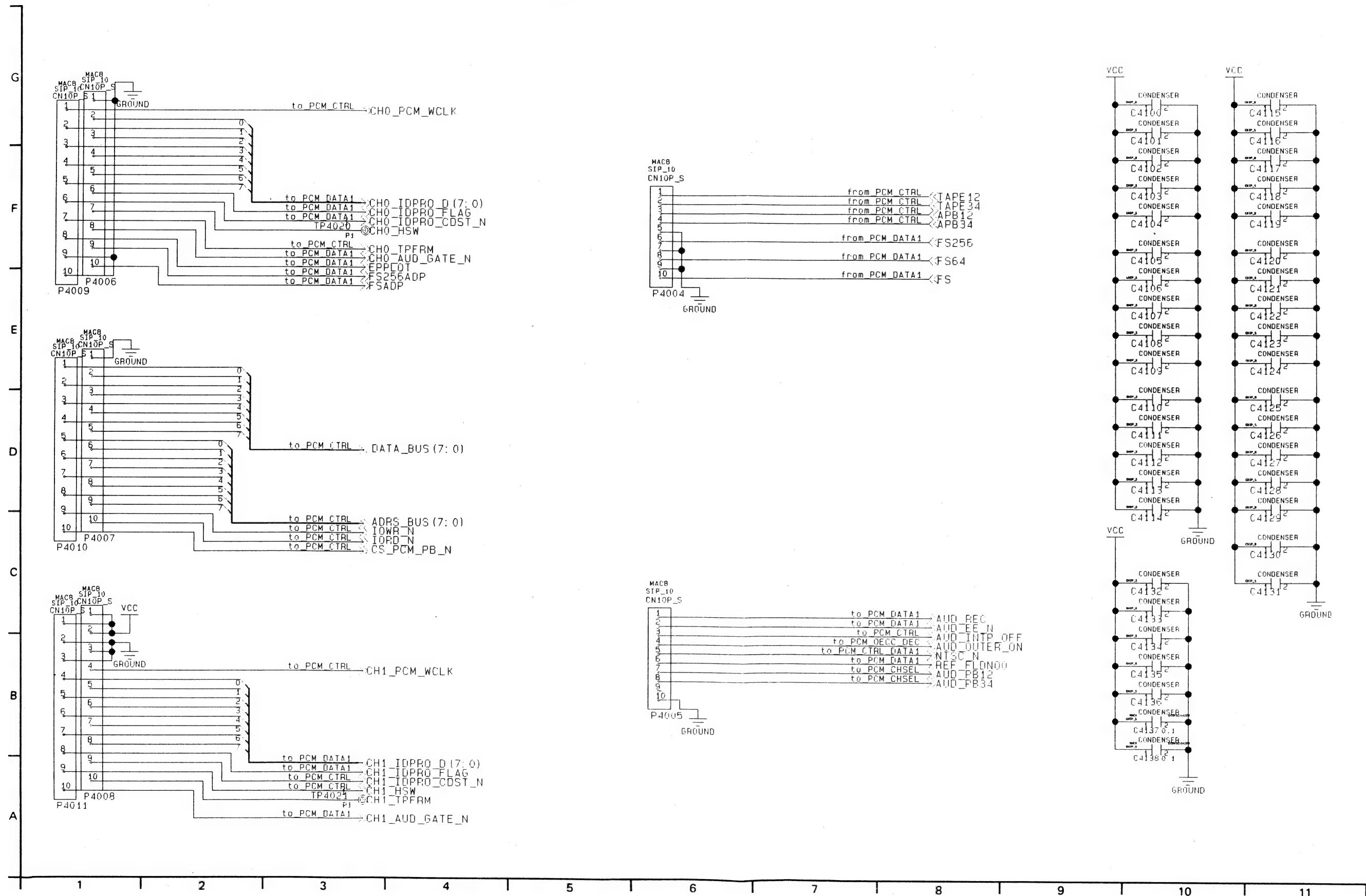
PB1 (VIDEO) BLOCK/SCHEMATIC DIAGRAM 9/9



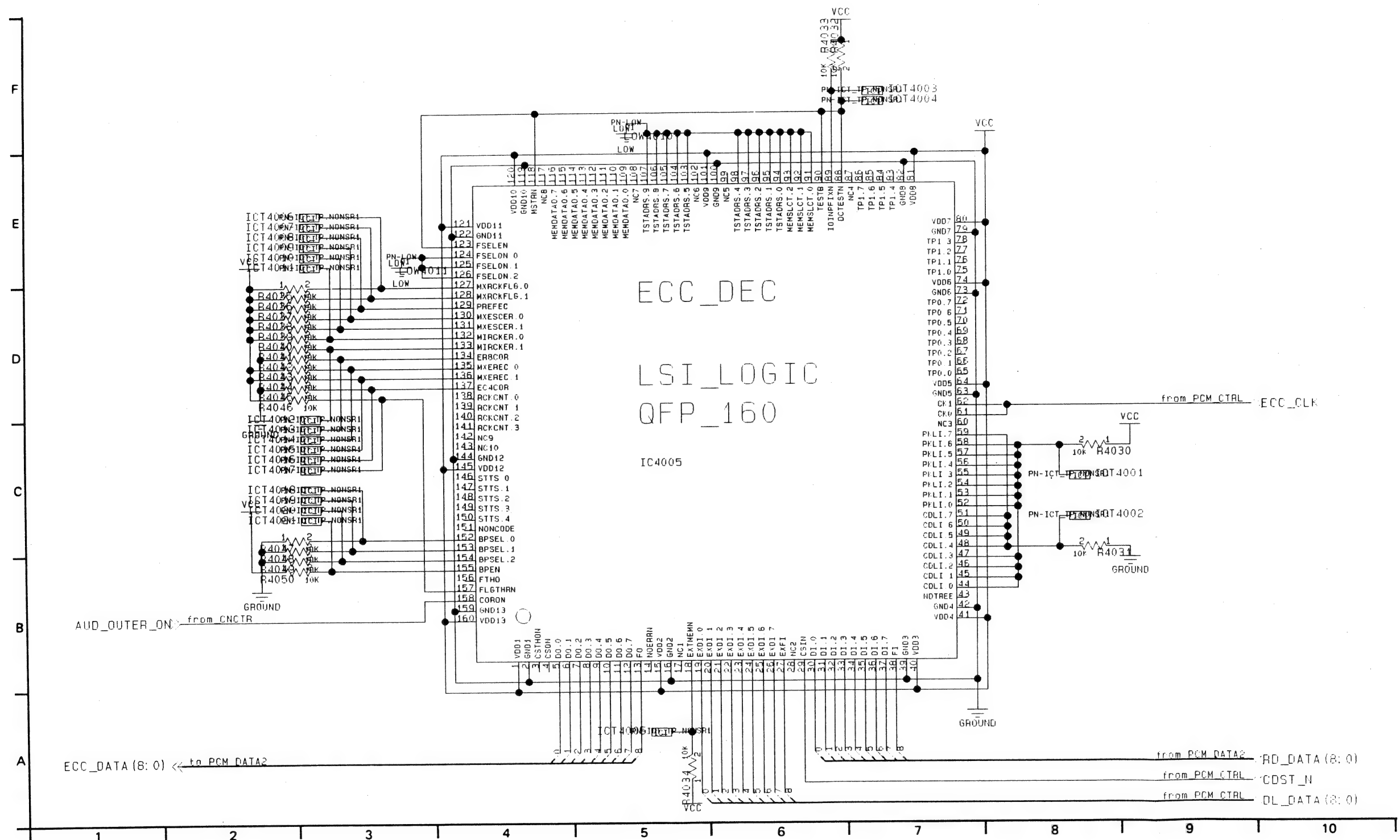
PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 1/8



PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 2/8



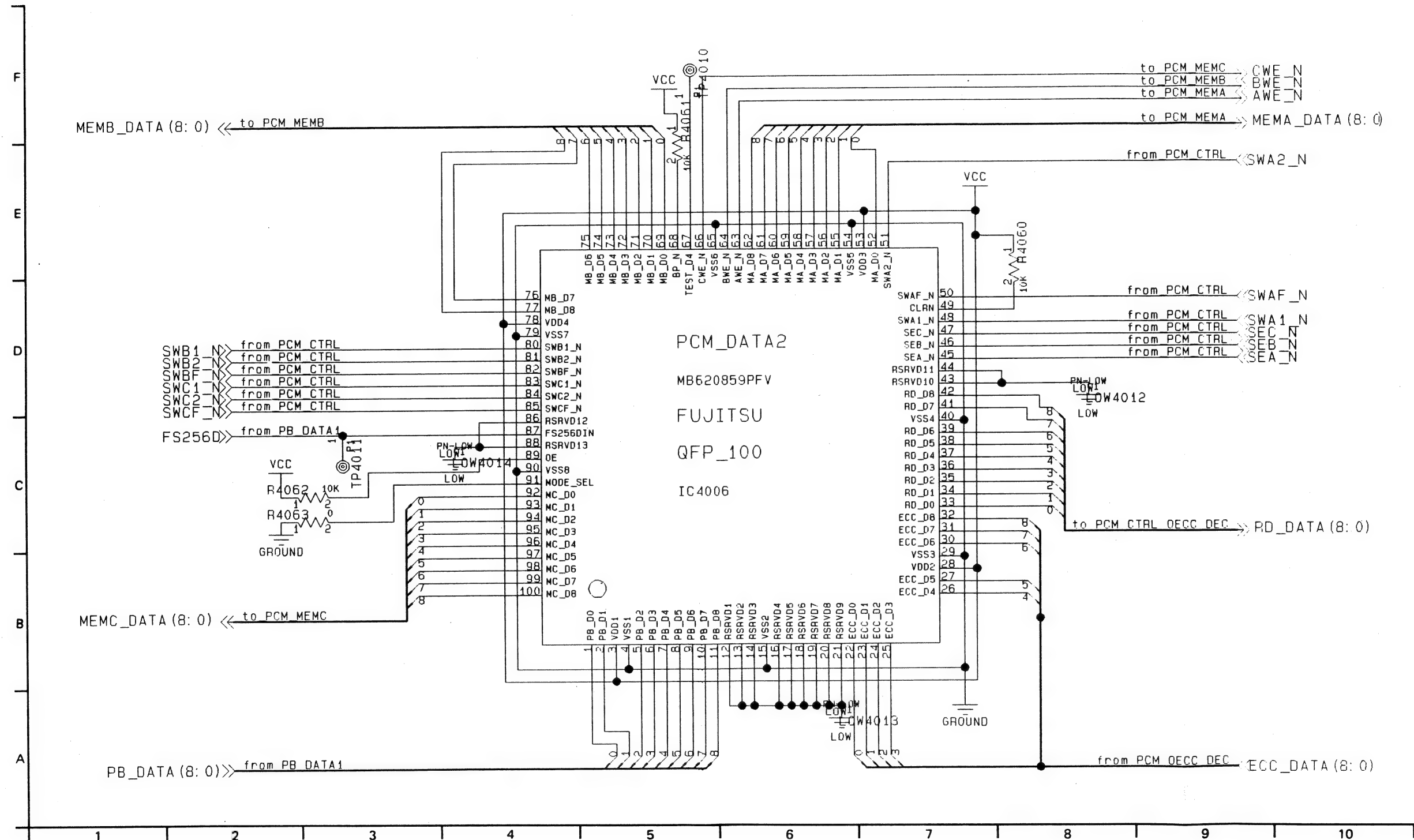
PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 3/8



PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 4/8



PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 5/8



PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 6/8



Vertical axis labels: A, B, C, D, E, F, G

Horizontal axis labels: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

IC4017 (A1010A-PL44C) Pinout:

1	P11	11	GND10
2	P12	12	P11
3	P13	13	VCC14
4	VCC14	14	VCC14
5	P15	15	P15
6	VCC16	16	VCC16
7	P17	17	P17
8	P19	19	P19
9	P20	20	GND21
10	P21	21	GND21
11	P22	22	GND21
12	P23	23	GND21
13	P24	24	GND21
14	P25	25	GND21
15	P26	26	GND21
16	P27	27	GND21
17	P28	28	GND21

IC4013, IC4014, IC4015, IC4016 Pinout:

1	DS1	1	DS1
2	DS2	2	DS2
3	DS3	3	DS3
4	DS4	4	DS4
5	DS5	5	DS5
6	DS6	6	DS6
7	DS7	7	DS7
8	DS8	8	DS8
9	DS9	9	DS9
10	DS10	10	DS10
11	DS11	11	DS11
12	DS12	12	DS12
13	DS13	13	DS13
14	DS14	14	DS14

IC4011 Pinout:

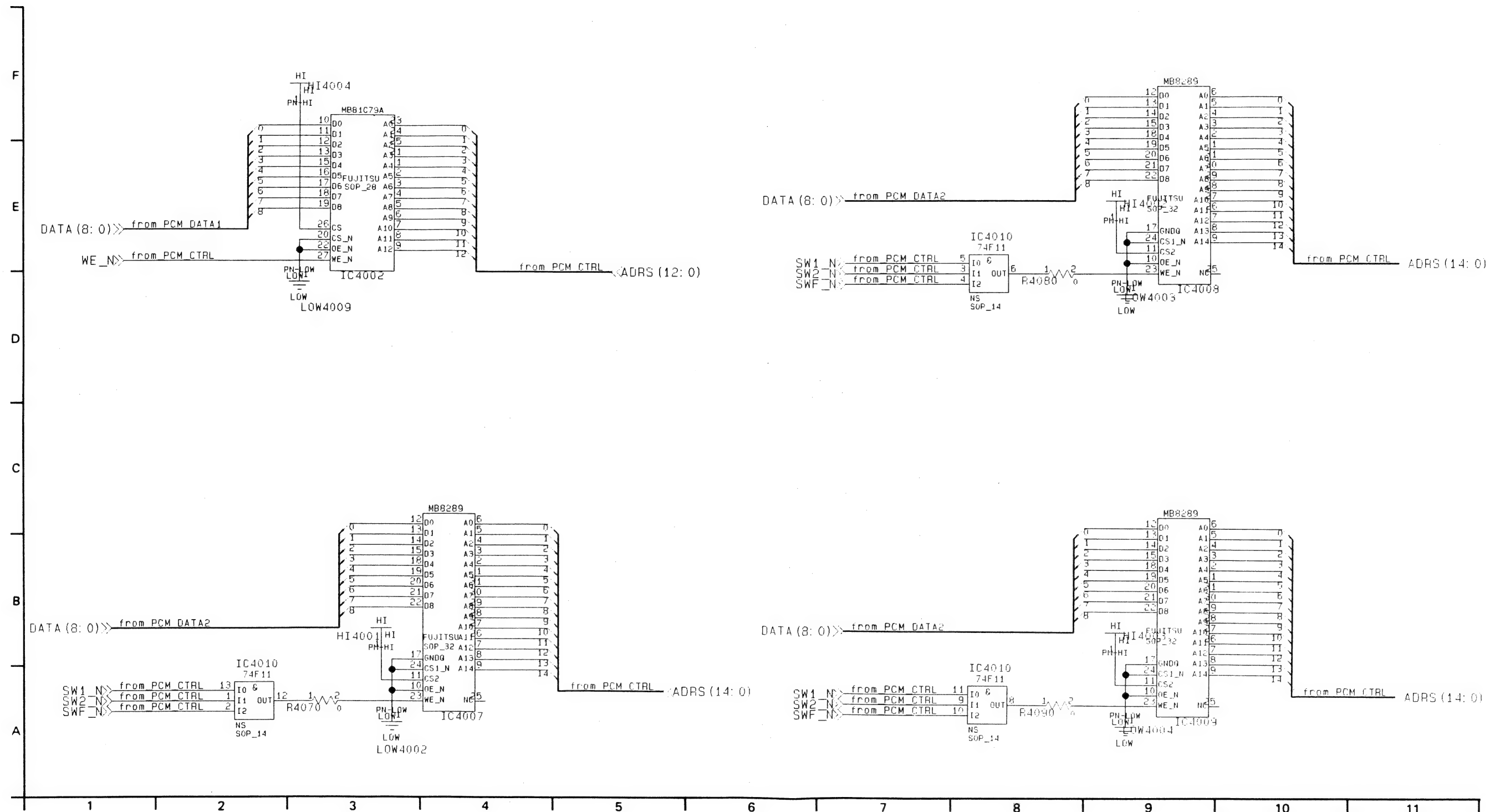
1	CLK	1	CLK
2	CLK	2	CLK
3	CLK	3	CLK
4	CLK	4	CLK
5	CLK	5	CLK
6	CLK	6	CLK
7	CLK	7	CLK
8	CLK	8	CLK
9	CLK	9	CLK
10	CLK	10	CLK
11	CLK	11	CLK
12	CLK	12	CLK
13	CLK	13	CLK
14	CLK	14	CLK

Resistor Values Table:

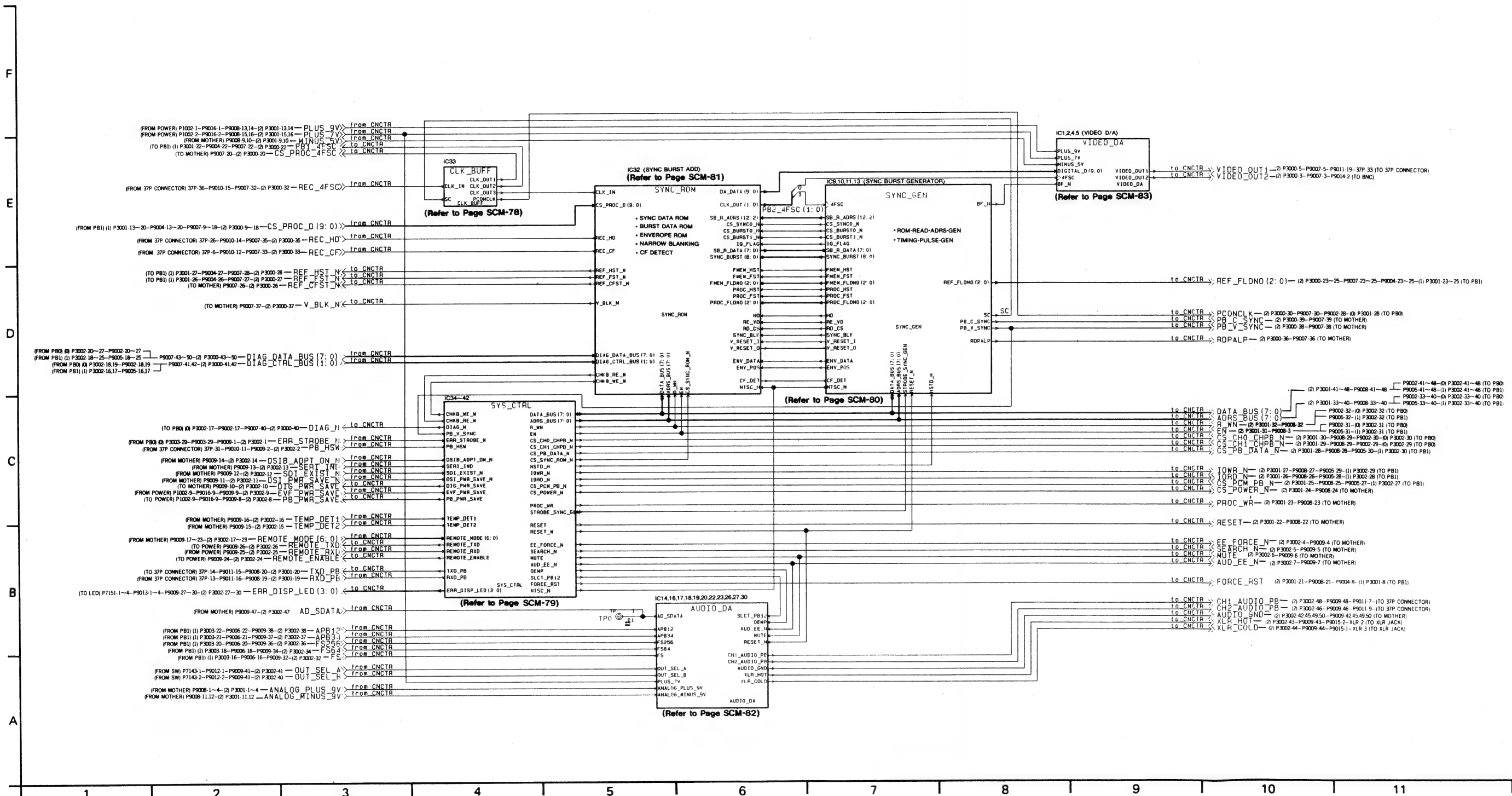
R4100	0
R4101	—
R4102	0
R4103	—
R4104	0
R4105	—
R4106	0
R4107	—

Legend: —: OPEN

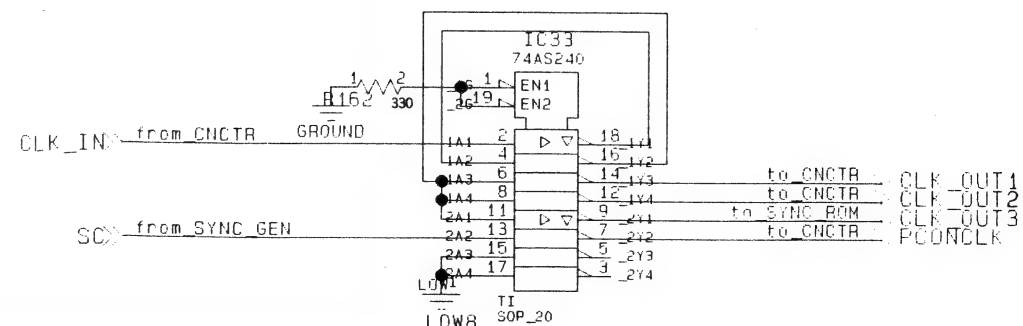
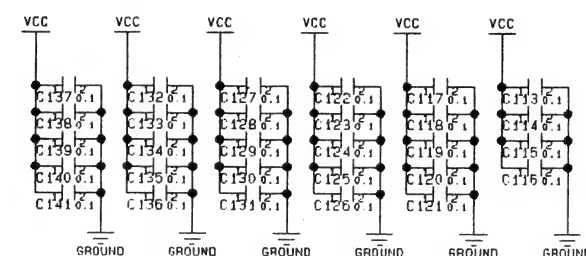
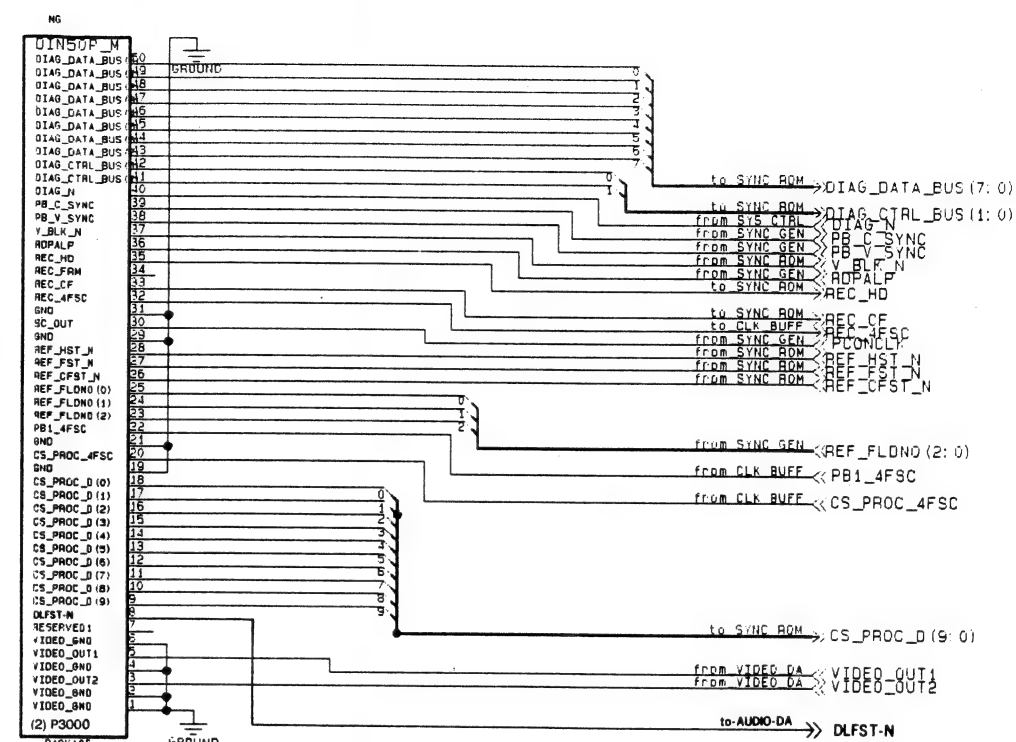
PB1 SUB(AUDIO) BLOCK/SCHEMATIC DIAGRAM 8/8



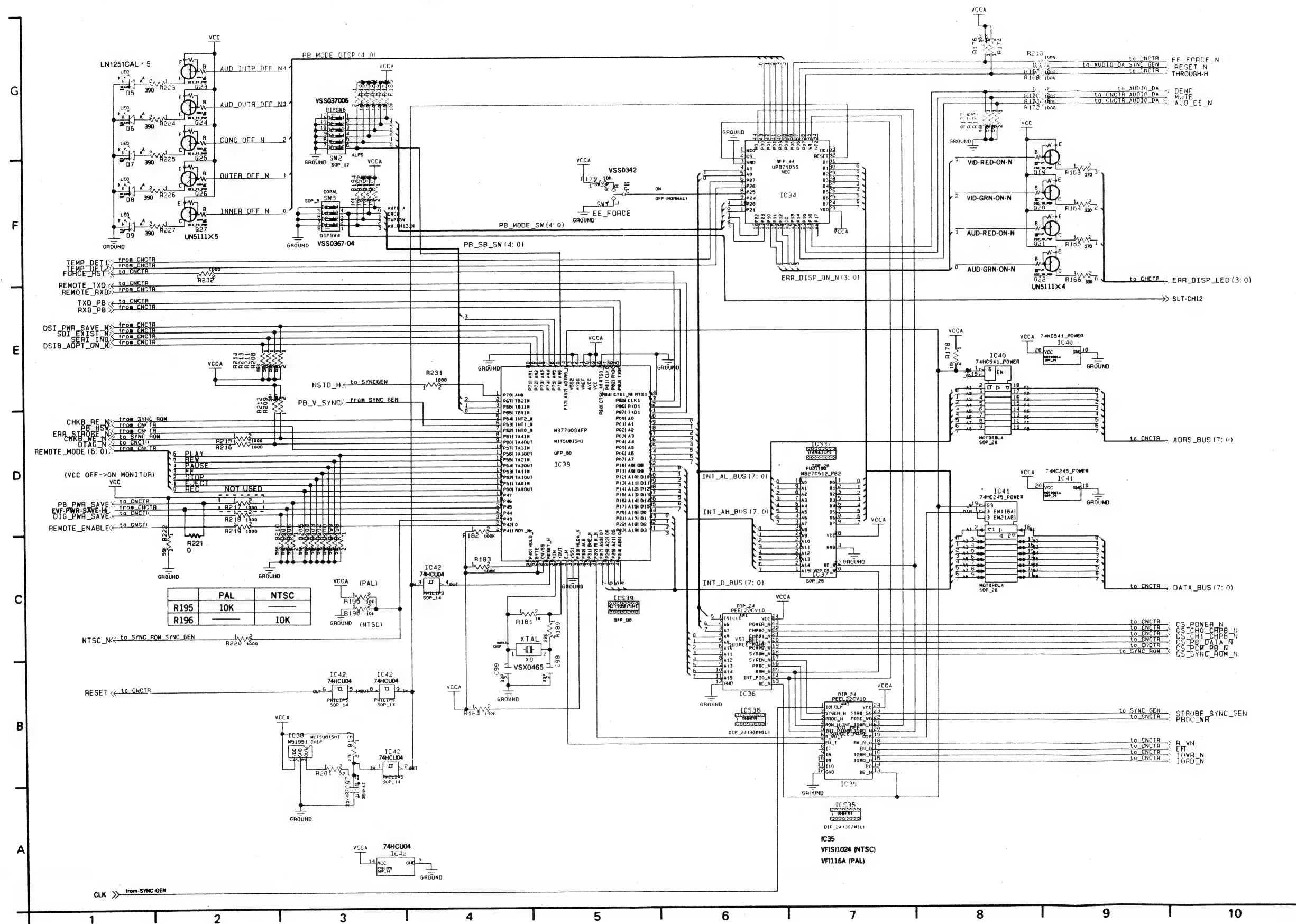
PB2 BLOCK/SCHEMATIC DIAGRAM 1/7



PB2 BLOCK/SCHEMATIC DIAGRAM 2/7

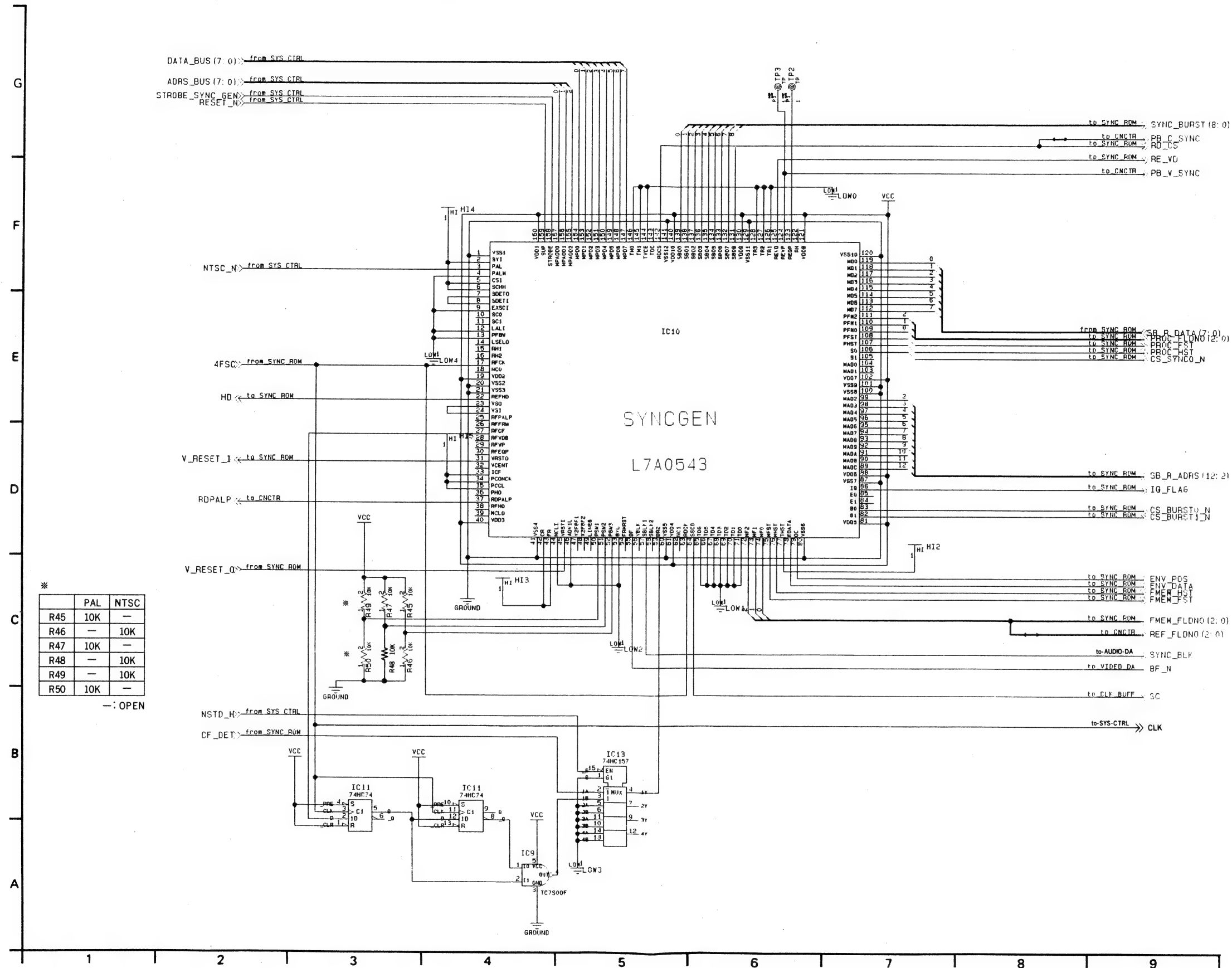


PB2 BLOCK/SCHEMATIC DIAGRAM 3/7

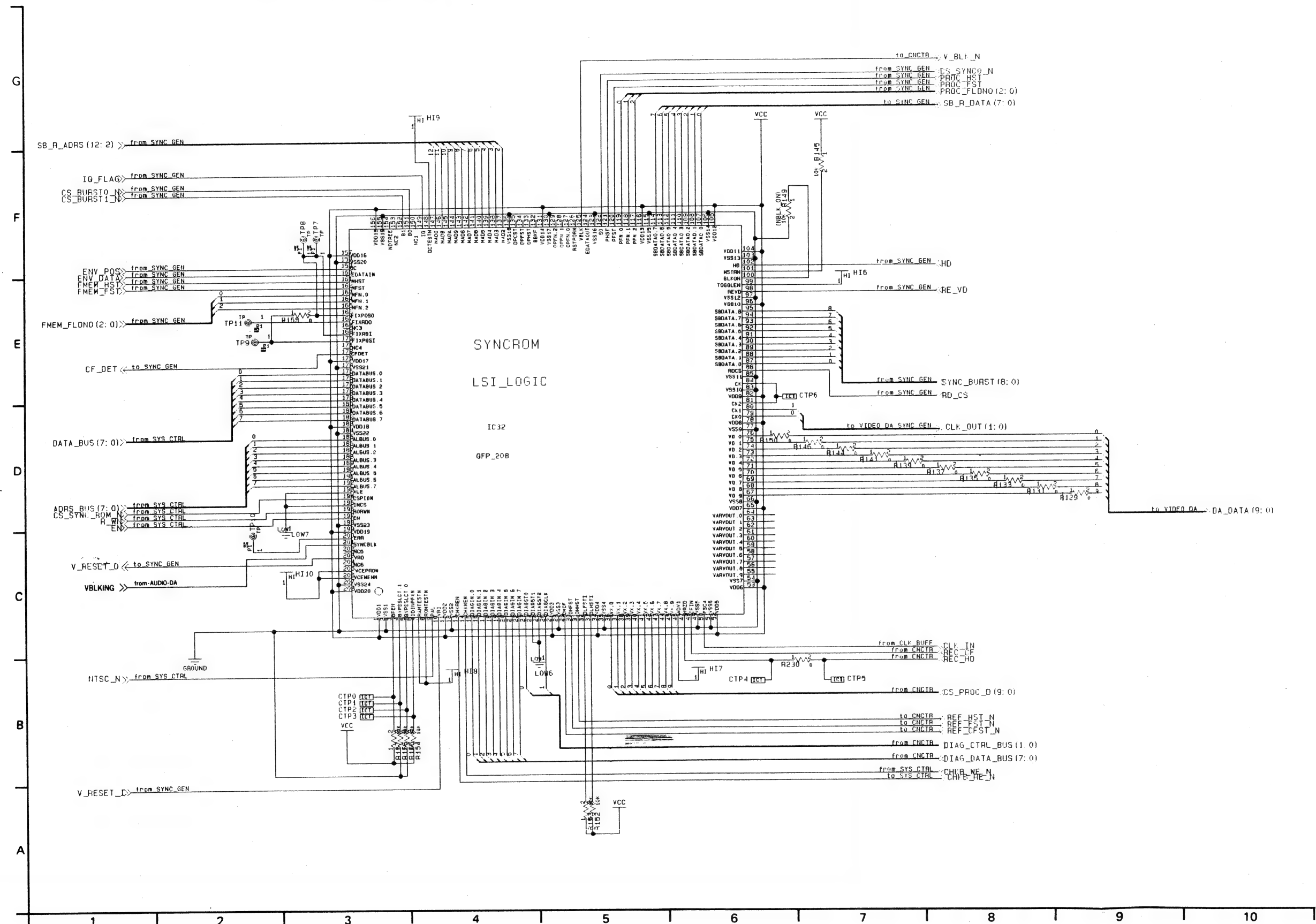


PB2 BLOCK 4/7
SCHEMATIC DIAGRAM

PB2 BLOCK/SCHEMATIC DIAGRAM 4/7

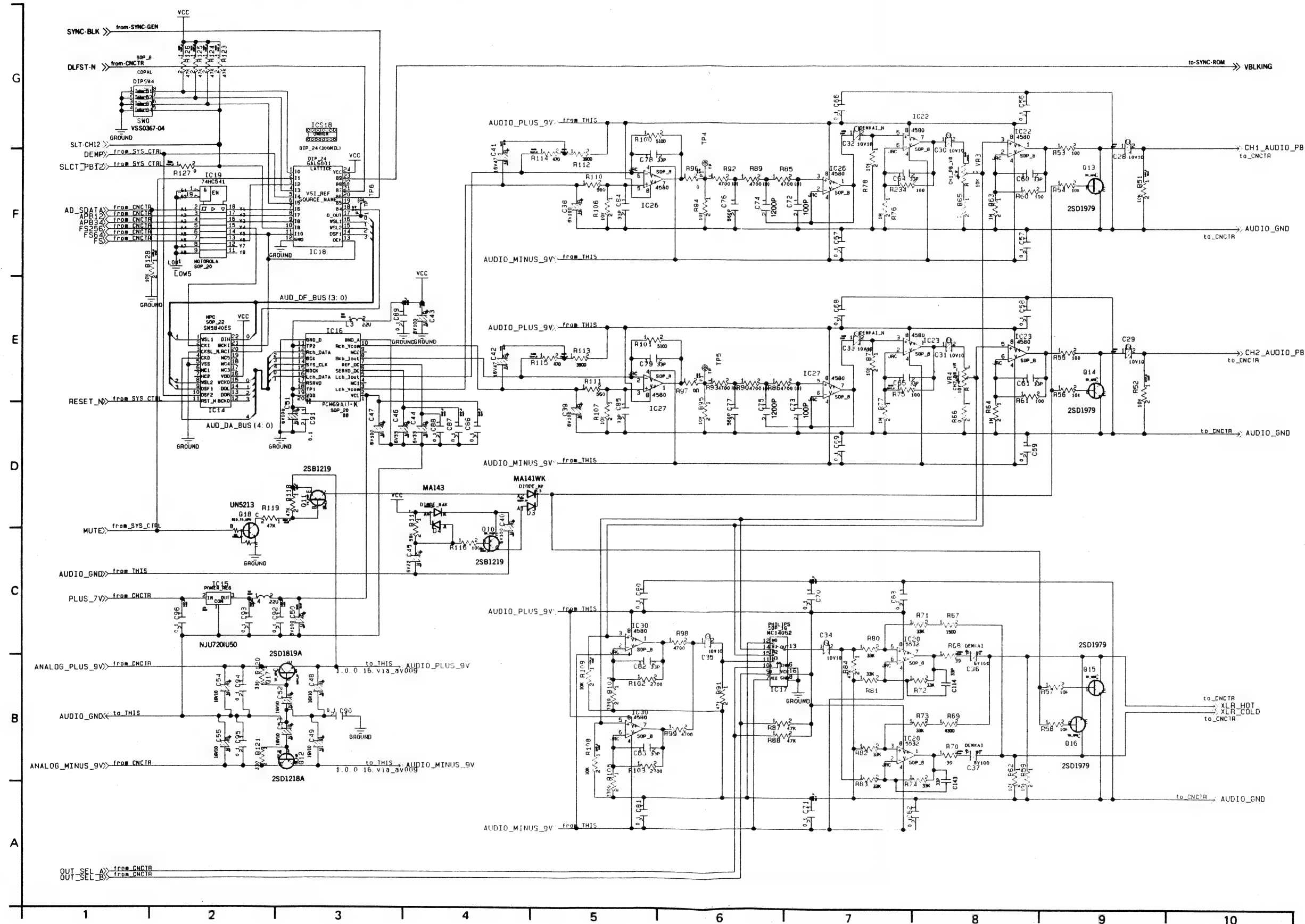


PB2 BLOCK/SCHEMATIC DIAGRAM 5/7

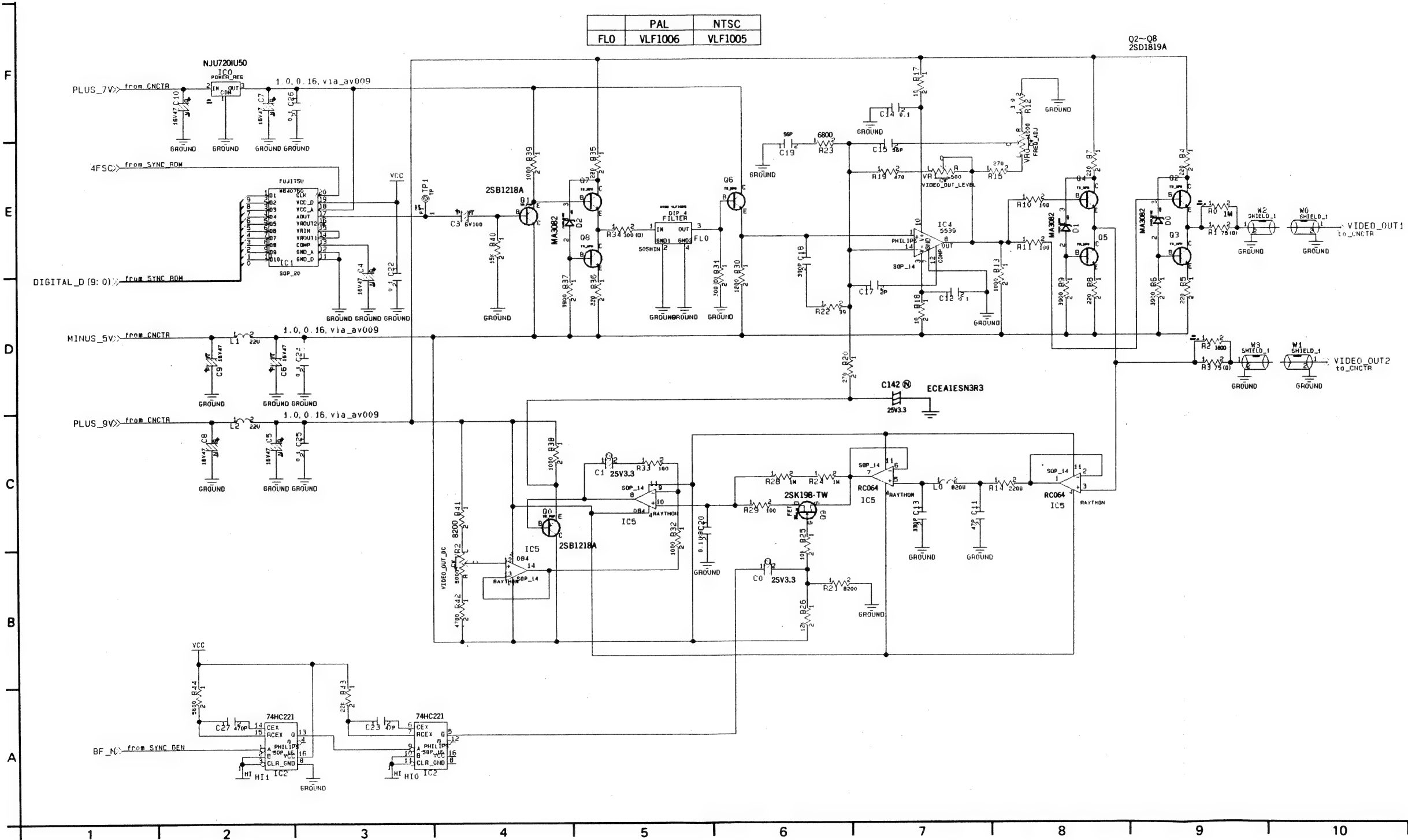


PB2 BLOCK 6/7
SCHEMATIC DIAGRAM

PB2 BLOCK/SCHEMATIC DIAGRAM 6/7

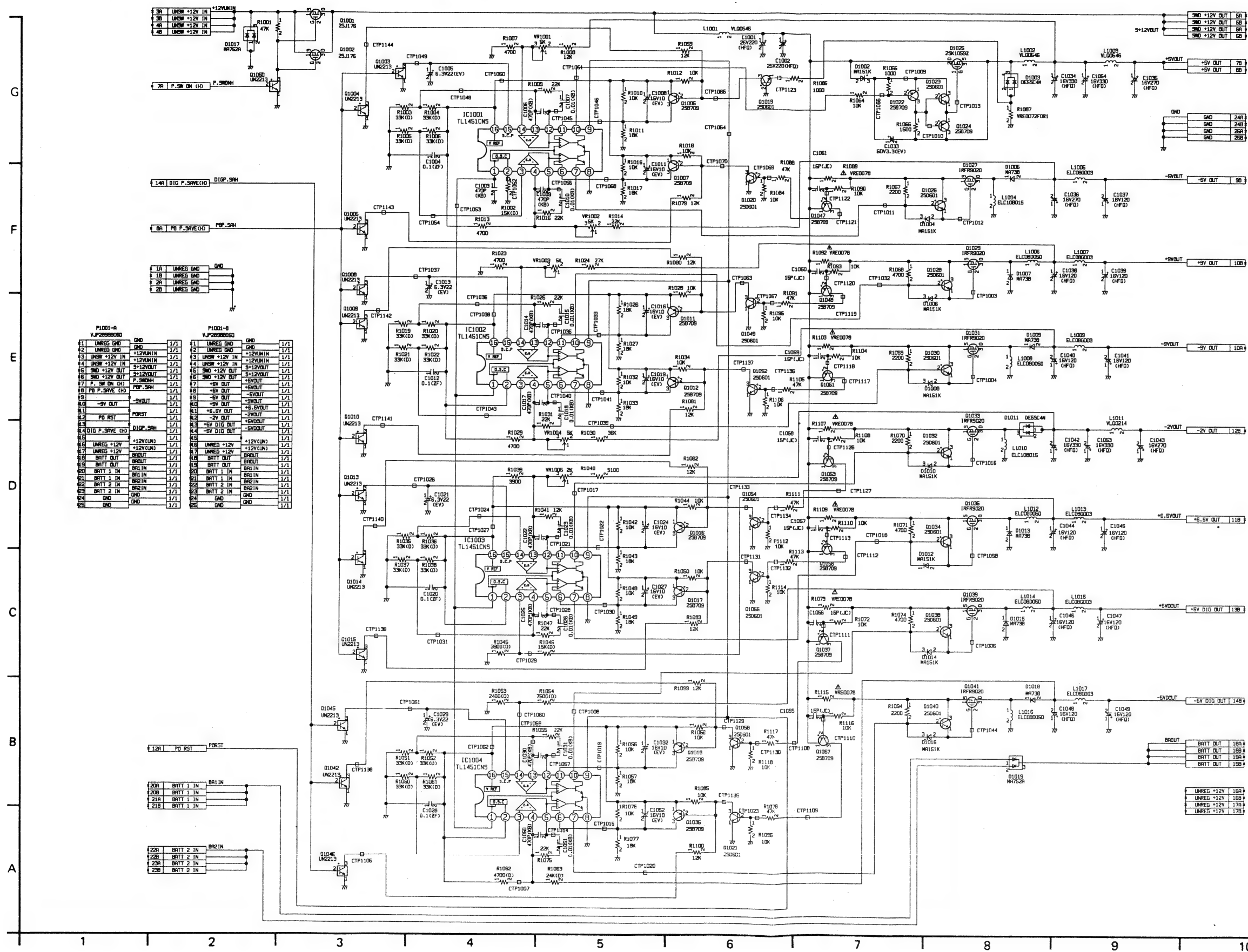


PB2 BLOCK/SCHEMATIC DIAGRAM 7/7

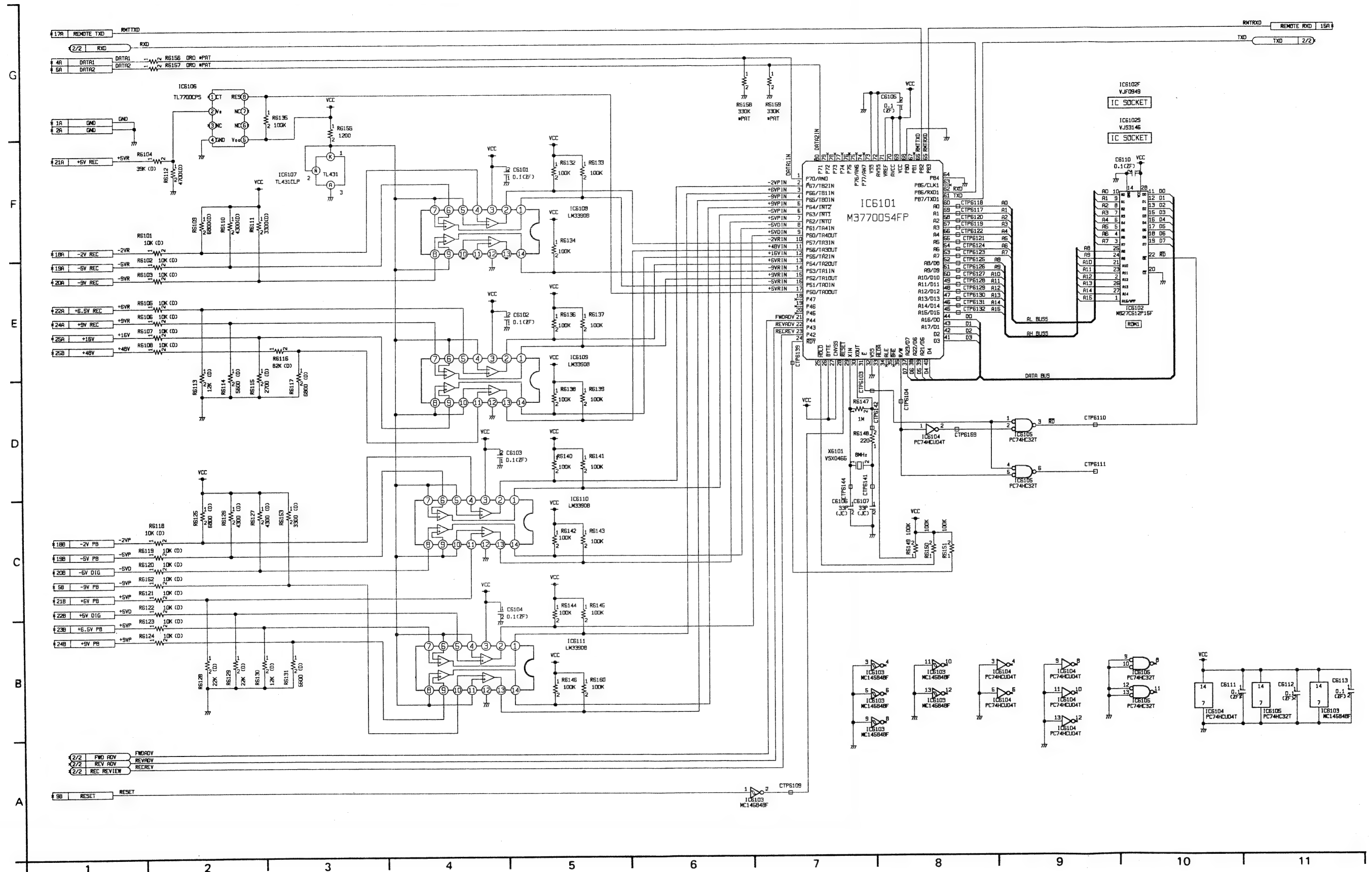


PB POWER SCHEMATIC DIAGRAM

PB POWER SCHEMATIC DIAGRAM

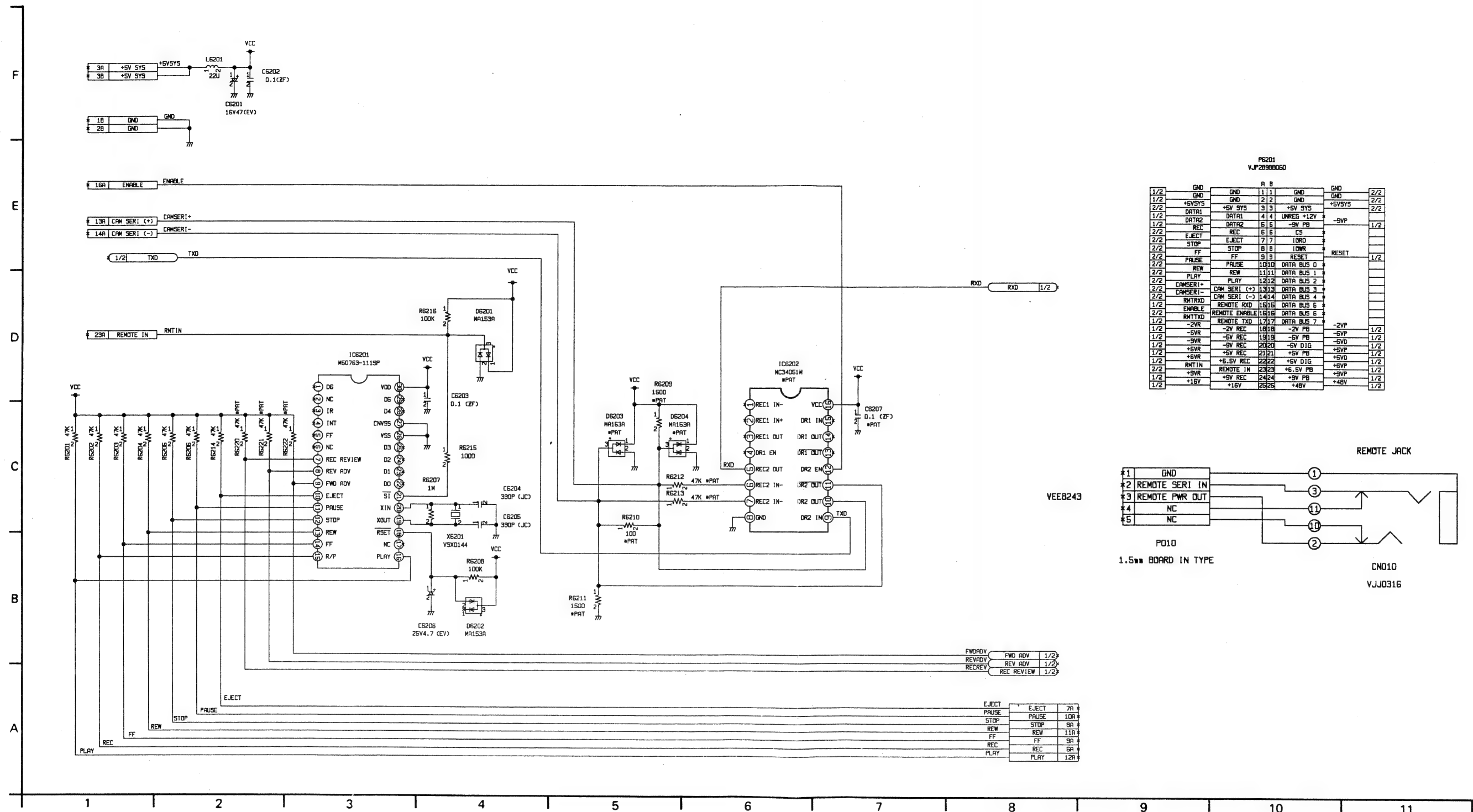


REC REMOTE SCHEMATIC DIAGRAM 1/2

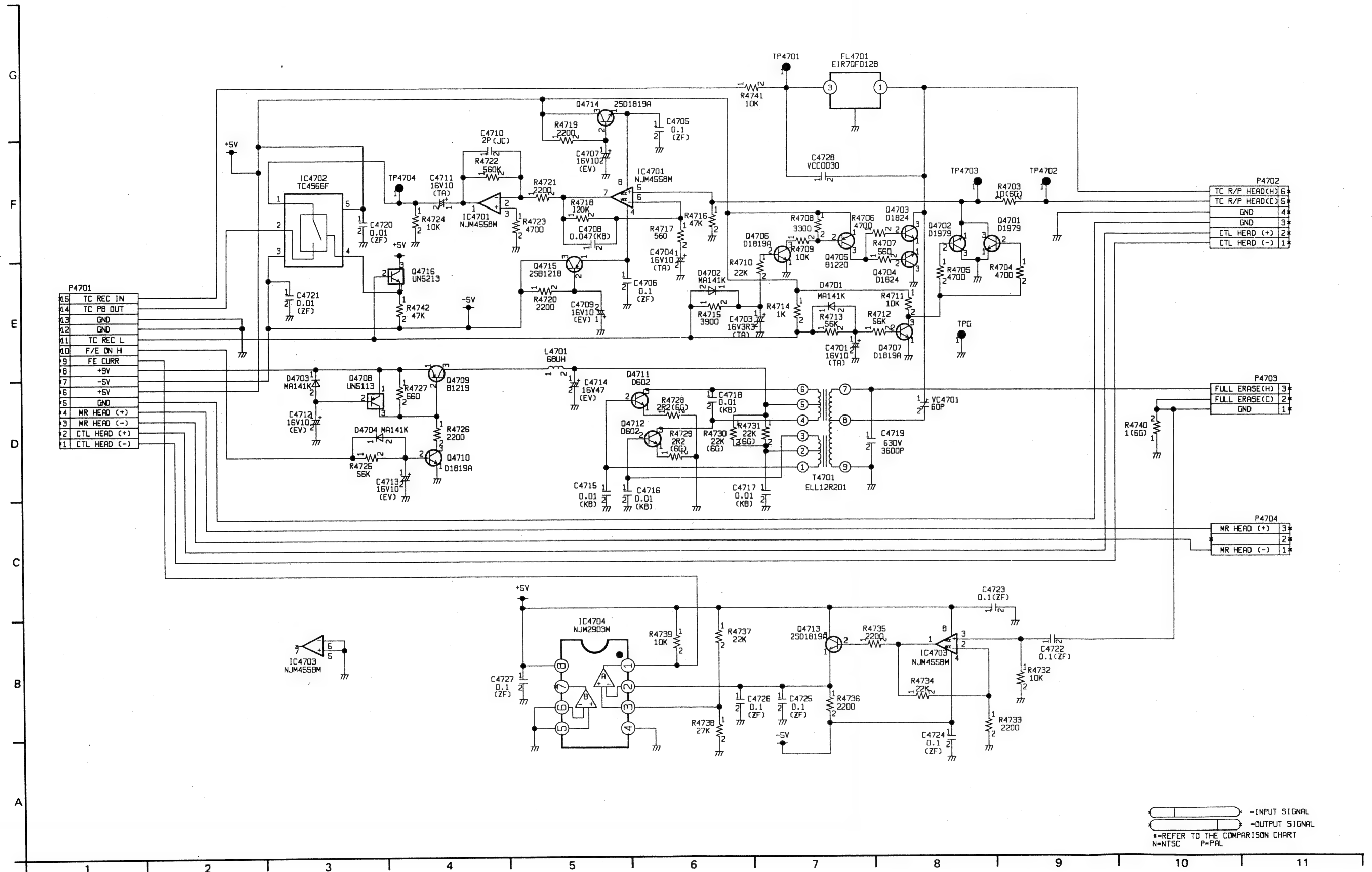


REC REMOTE SCHEMATIC DIAGRAM 2/2

REC REMOTE 2/2
SCHEMATIC DIAGRAM



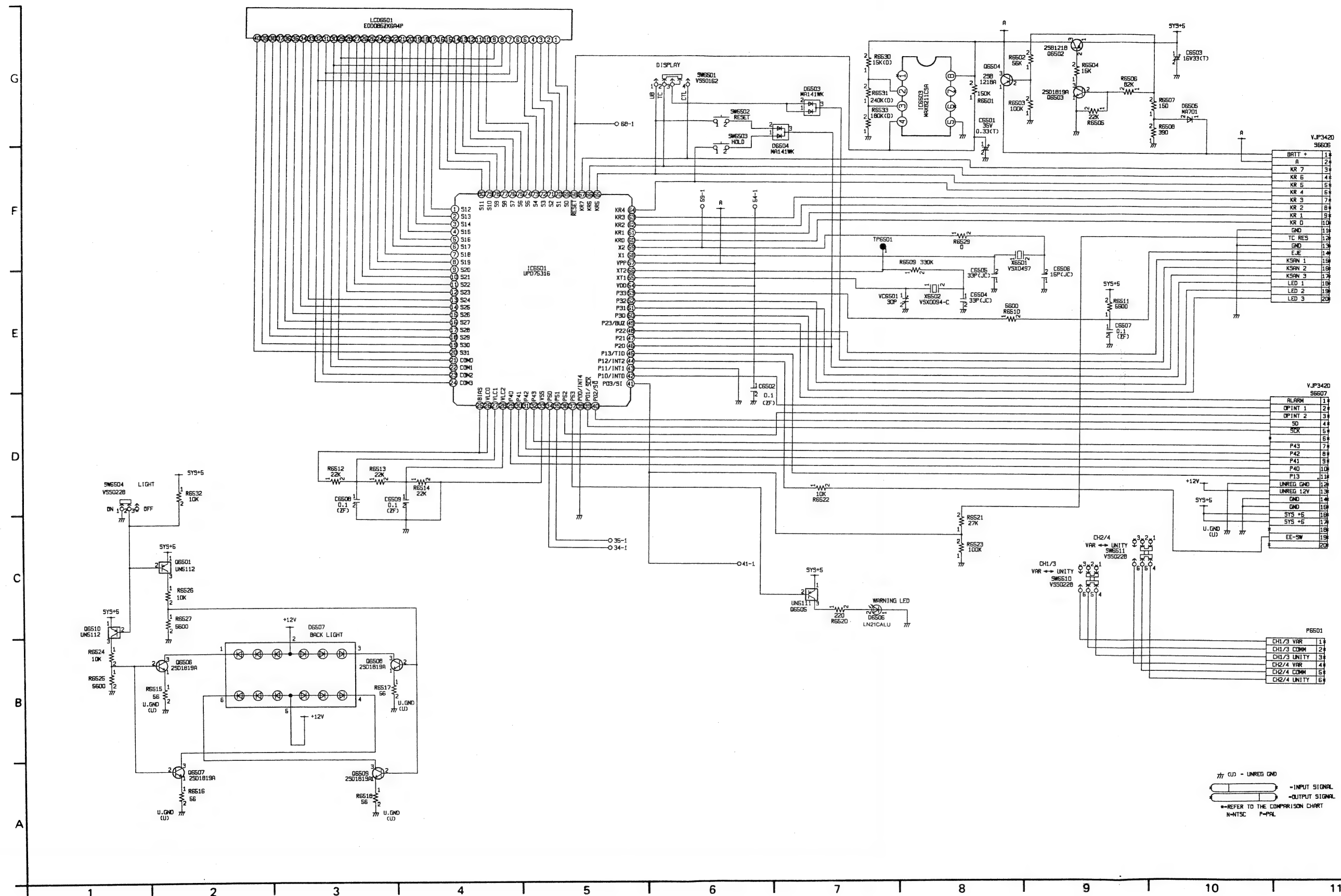
FE/BIAS OSC SCHEMATIC DIAGRAM



MECHA I/F SCHEMATIC DIAGRAM

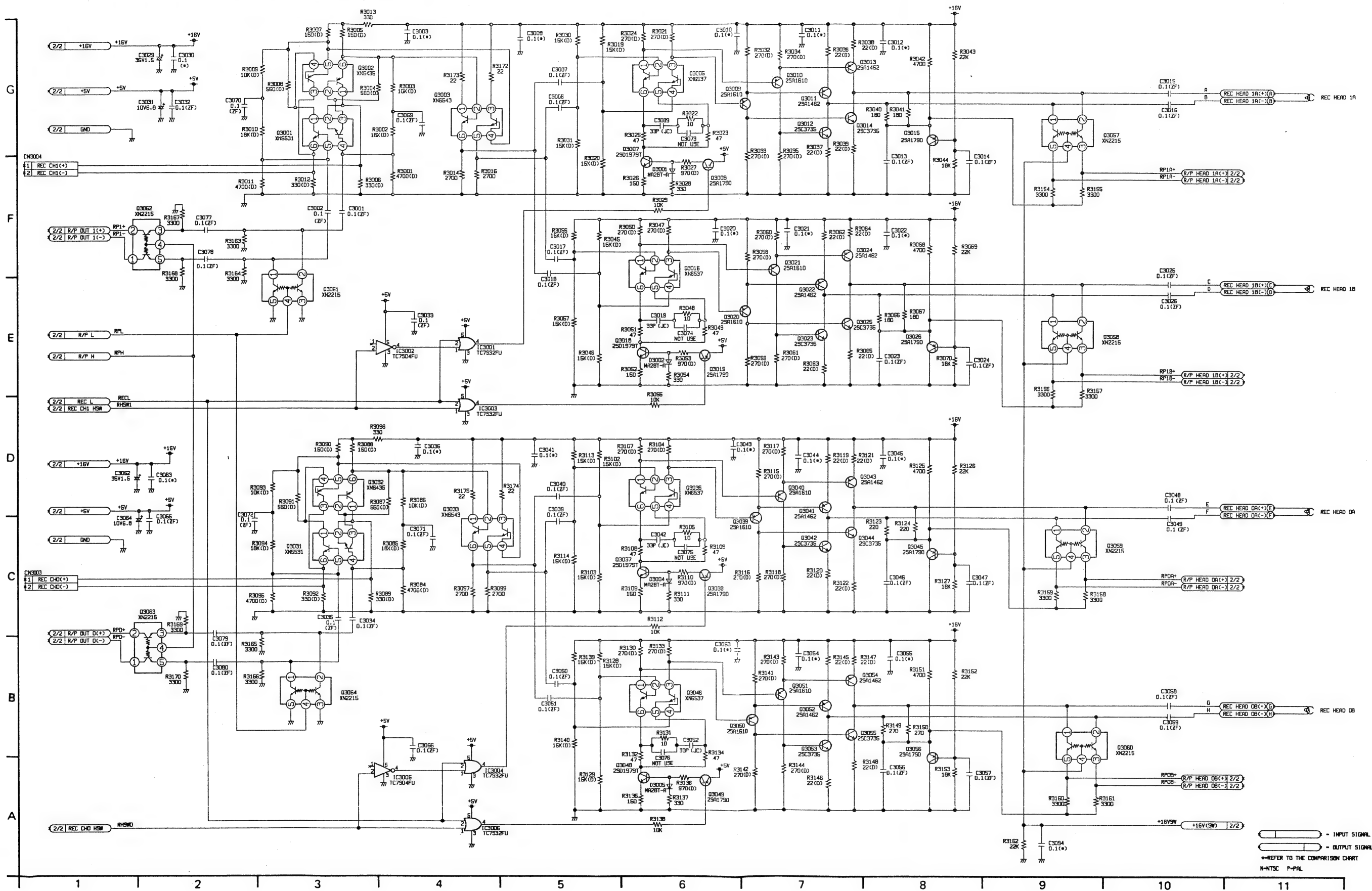


LCD SCHEMATIC DIAGRAM



R.A & H.A 1/2 SCHEMATIC DIAGRAM

R.A & H.A SCHEMATIC DIAGRAM 1/2

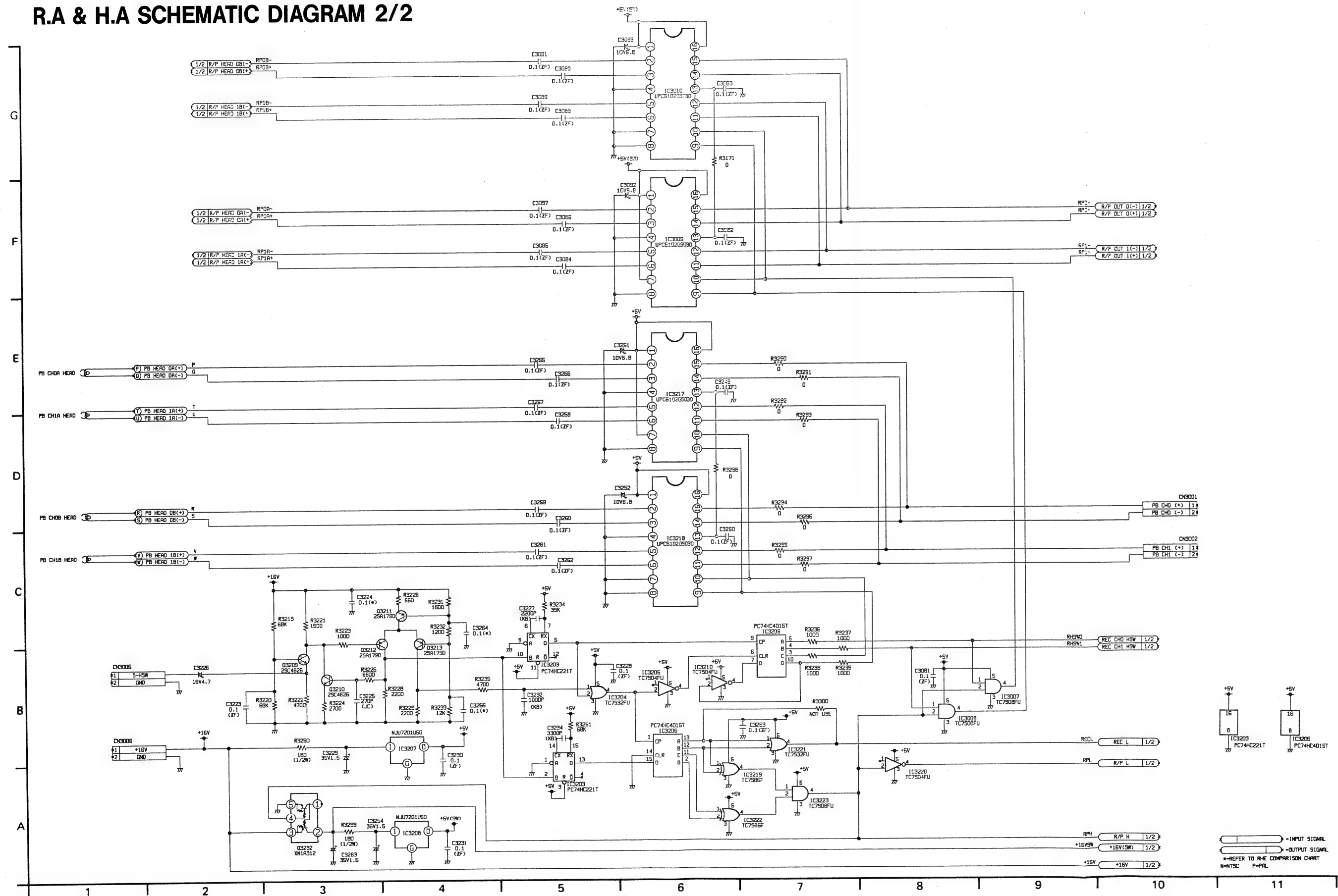


SCM-90

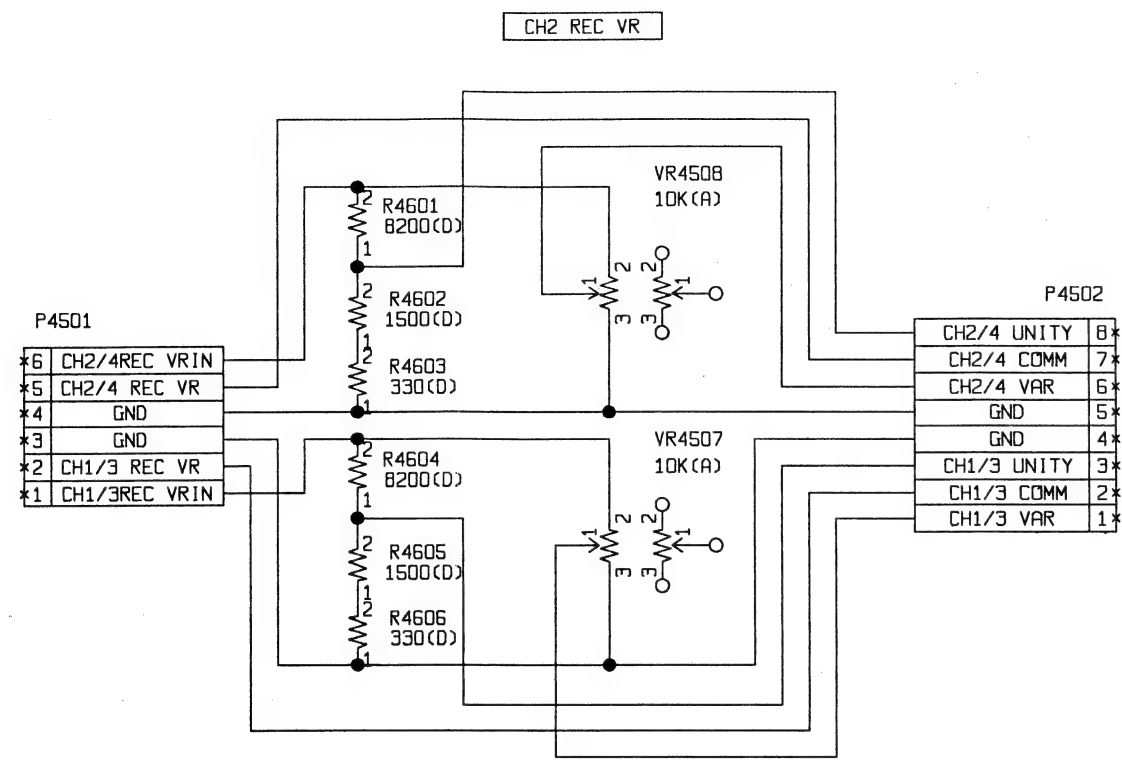
REVERSE SIDE **LCD**
SCHEMATIC DIAGRAM

SCM-90

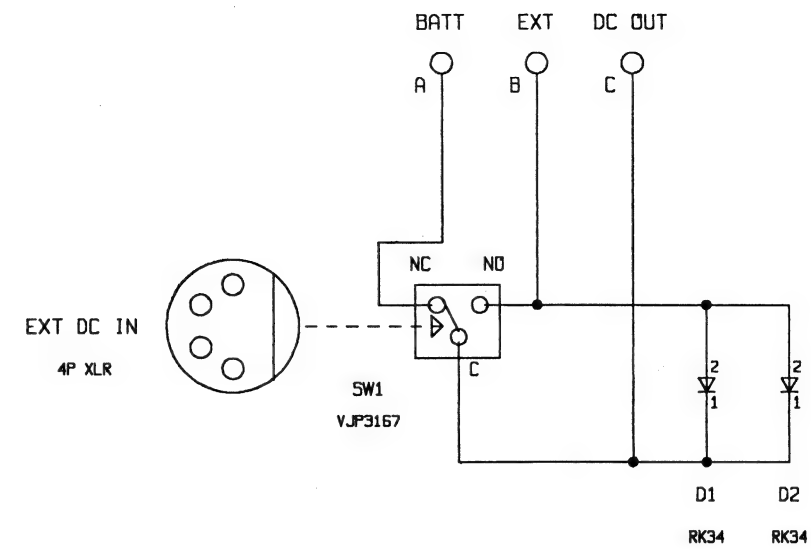
R.A & H.A SCHEMATIC DIAGRAM 2/2



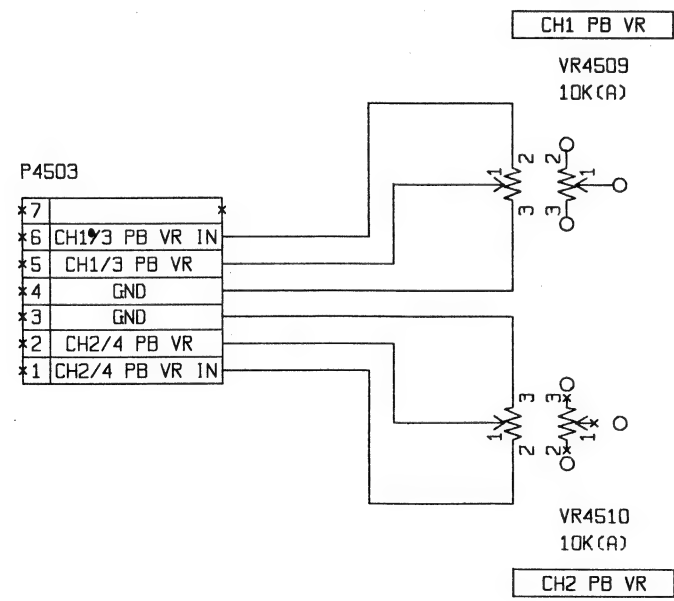
REC VR SCHEMATIC DIAGRAM



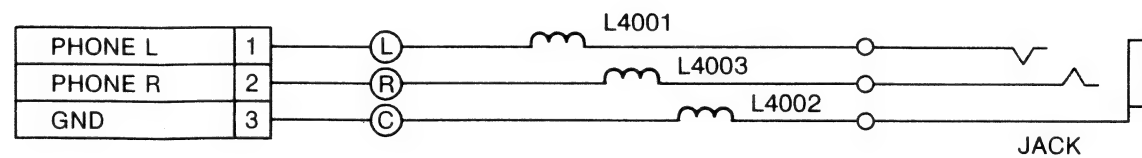
DC INPUT SW SCHEMATIC DIAGRAM



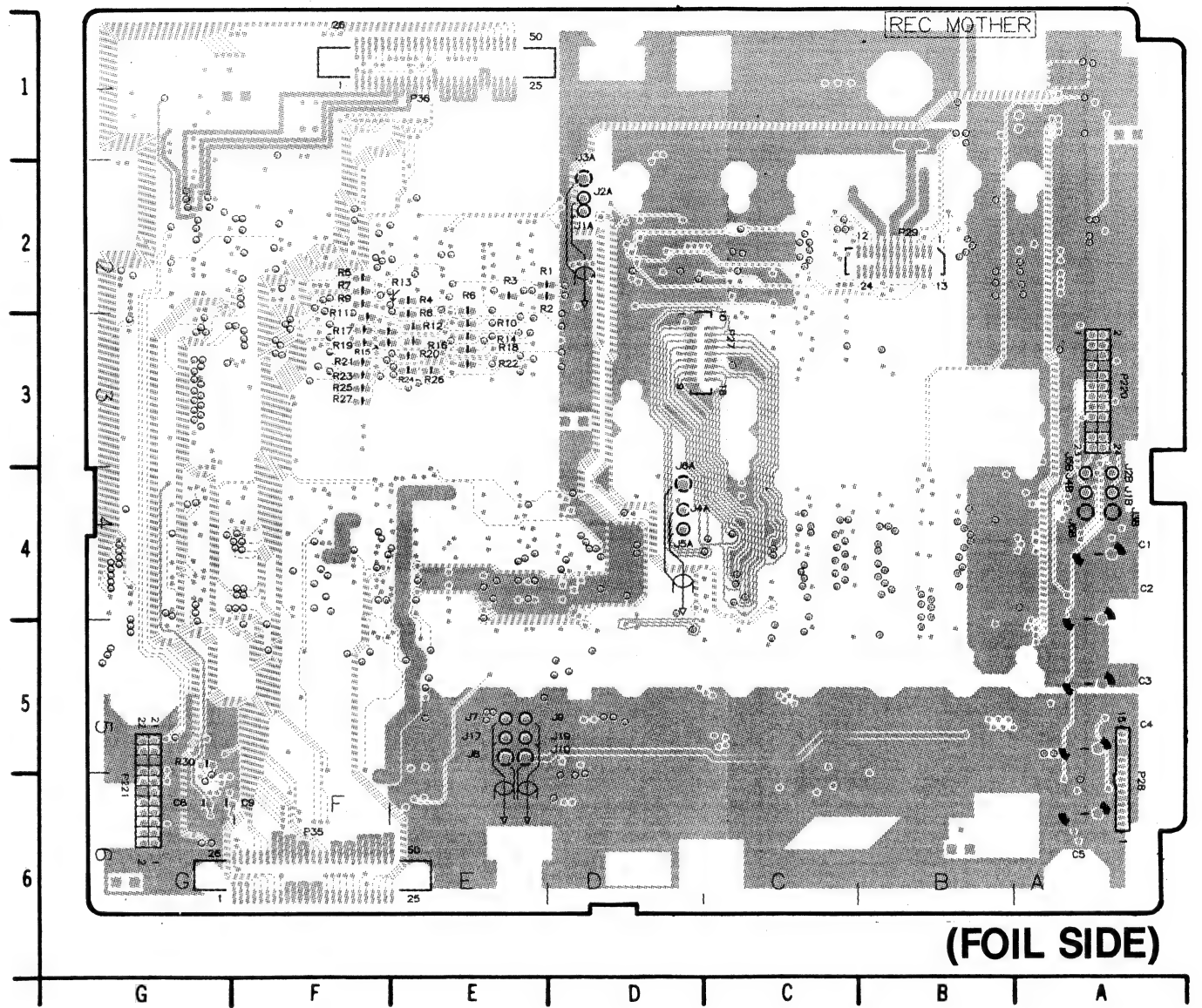
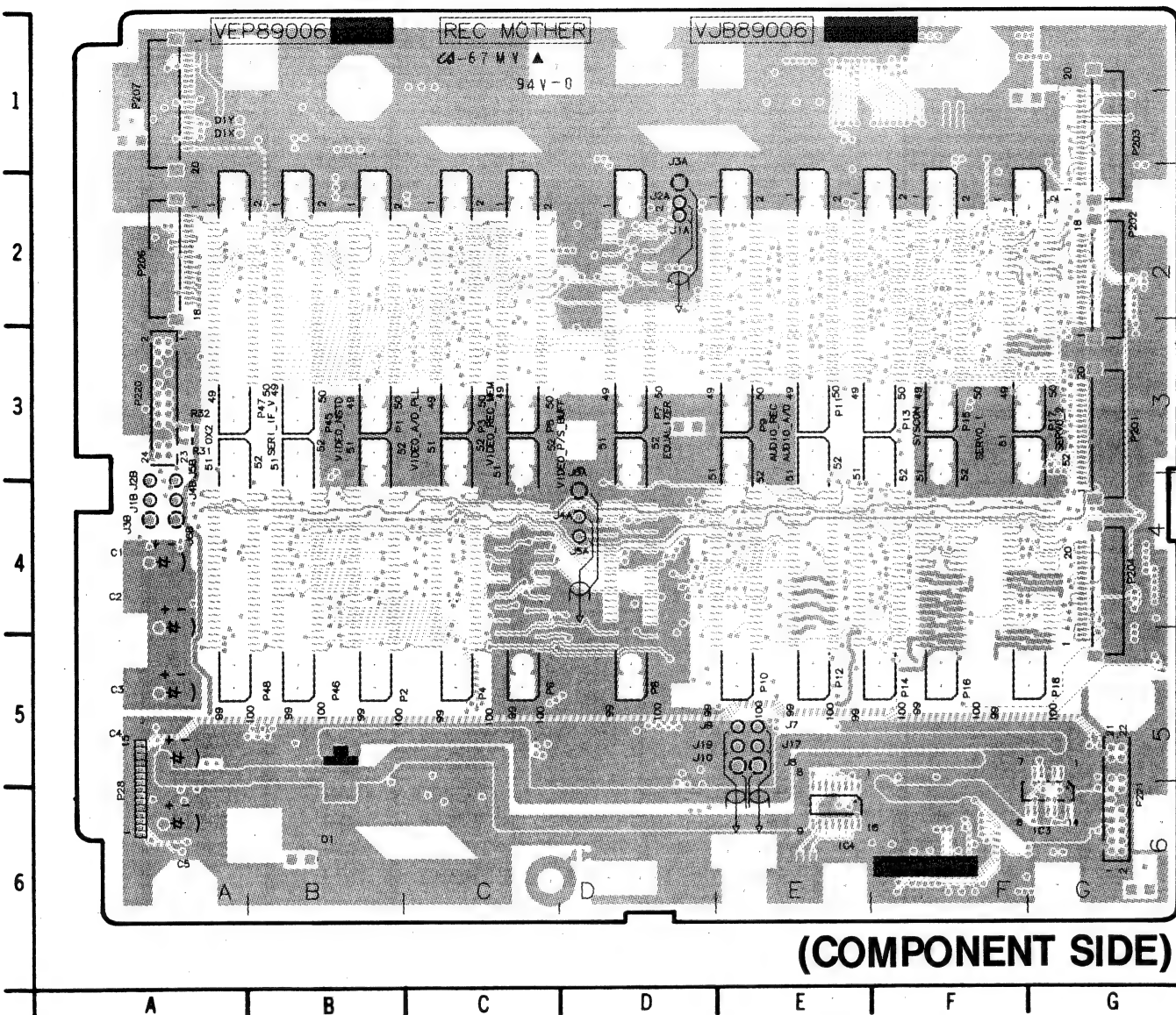
PB VR SCHEMATIC DIAGRAM



HEAD PHONE JACK SCHEMATIC DIAGRAM



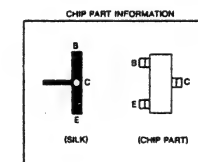
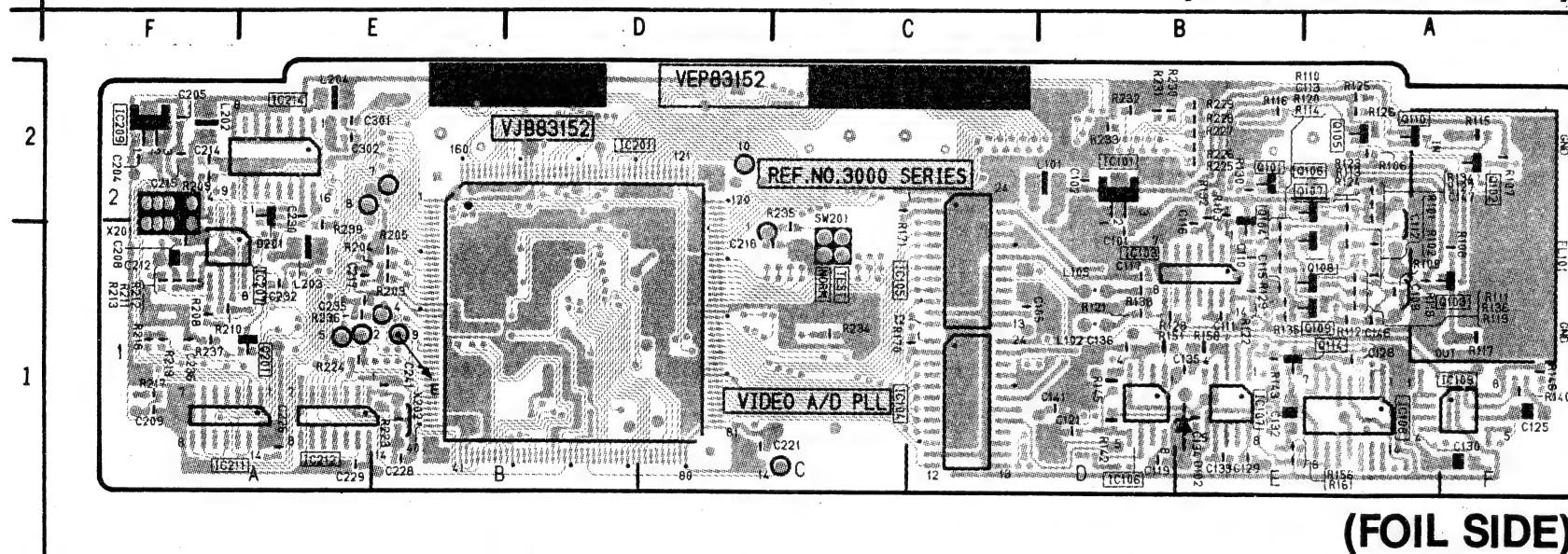
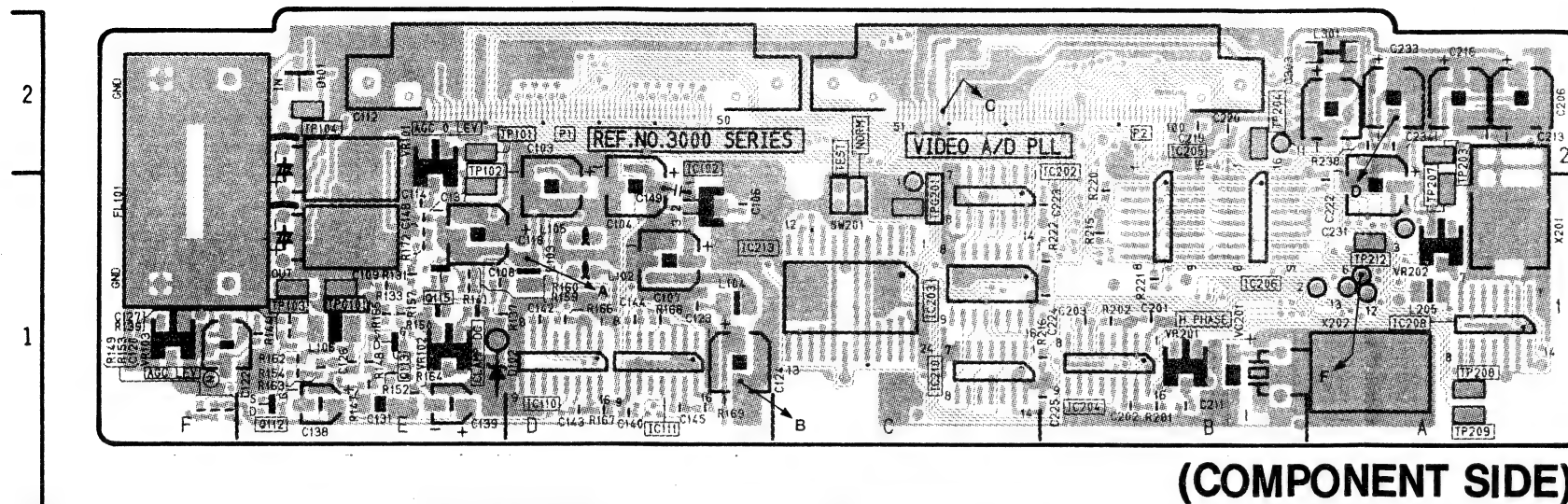
REC MOHTER P.C.BOARD (VEP89006A)



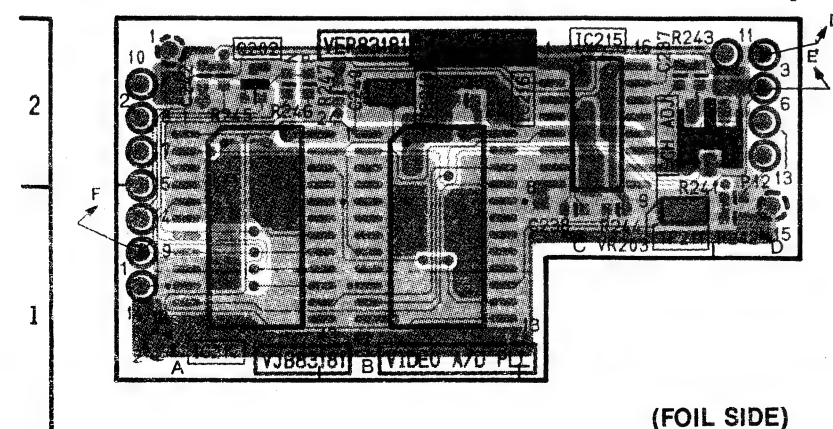
REC MOTHER P. C. BOARD

COMPONENT SIDE						FOIL SIDE	
INTEGRATED CIRCUIT		P9	E-3	P201	G-3	CONNECTOR	
IC3	G-6	P10	E-5	P202	G-2	P27	D-3
IC4	E-6	P11	E-3	P203	G-1	P28	A-6
		P12	E-5	P204	G-4	P29	B-2
		P13	F-3	P206	A-2	P35	F-6
CONNECTOR		P14	F-5	P207	A-1	P36	E-1
P1	B-3	P15	F-3	P220	A-3		
P2	B-5	P16	F-5	P221	G-6		
P3	C-3	P17	G-3				
P4	C-5	P18	G-5				
P5	C-3	P45	B-3				
P6	C-5	P46	B-5				
P7	D-3	P47	A-3				
P8	D-5	P48	A-5				

VIDEO A/D PLL P.C.BOARD(VEP83152B) FOR NTSC MODEL (VEP83152A) FOR PAL MODEL



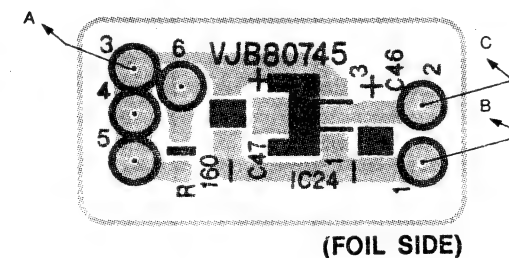
VIDEO A/D PLL SUB 1 P.C.BOARD(VEP83181B) FOR NTSC MODEL (VEP83181A) FOR PAL MODEL



VIDEO A/D PLL SUB P.C. BOARD

COMPONENT SIDE			
TRANSISTOR		TEST POINT	
Q202	A-2	TP210	B-2
		TP211	C-1
INTEGRATED CIRCUIT		ADJUSTMENT	
IC215	C-2	VR203	C-2
IC216	B-1		
IC217	A-1		

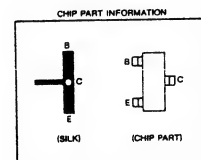
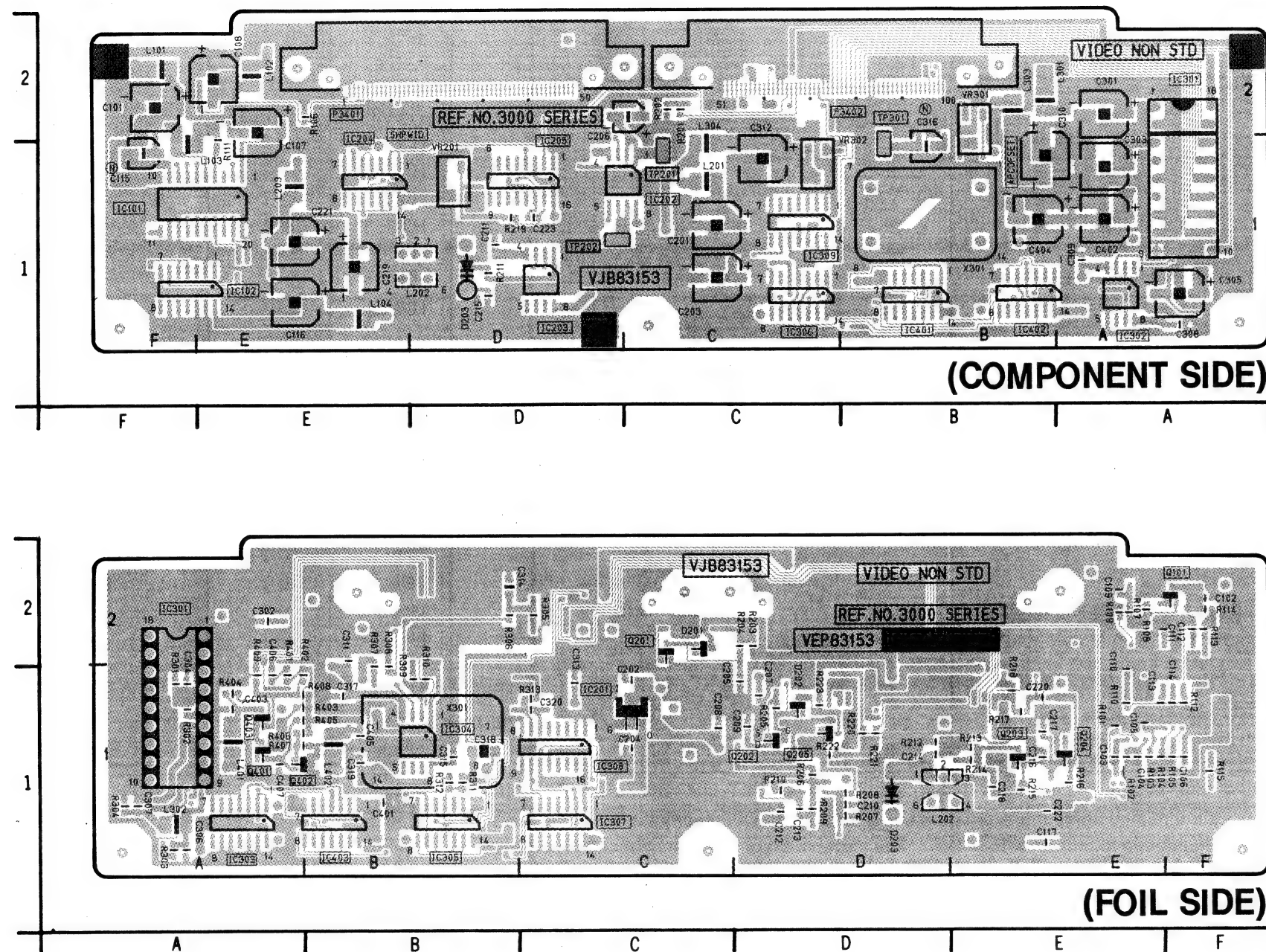
VIDEO A/D SUB2 P.C.BOARD (VEP80745B)



A/D PLL P.C. BOARD

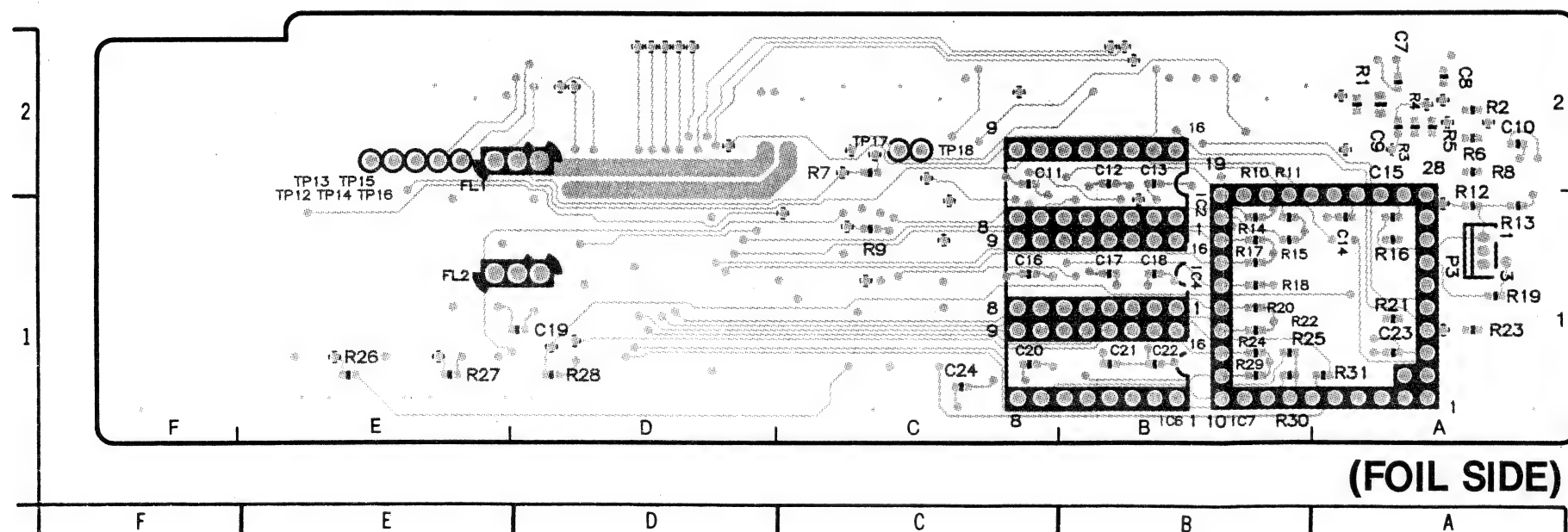
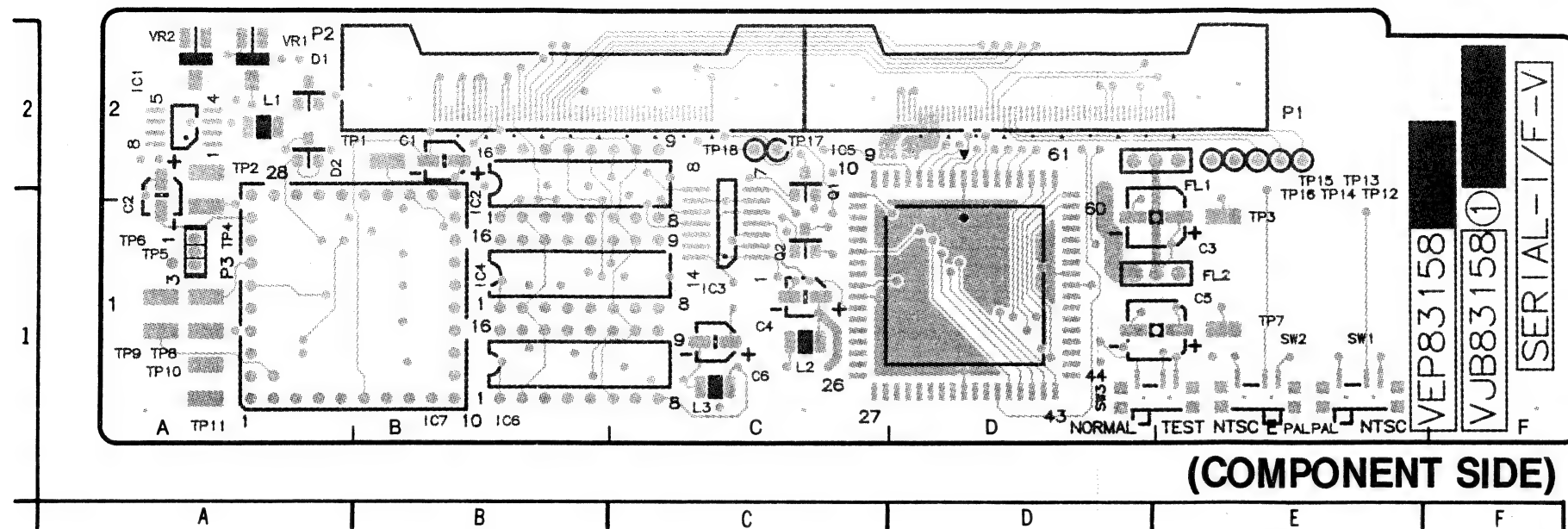
COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q3112	E-1	Q3101	E-2
Q3113	E-1	Q3102	F-2
Q3115	E-1	Q3103	F-1
		Q3104	E-2
		Q3105	E-2
		Q3106	E-2
		Q3107	E-1
		Q3108	E-1
		Q3109	E-1
		Q3110	E-2
		Q3114	E-1
		Q3201	A-1
INTEGRATED CIRCUIT		INTEGRATED CIRCUIT	
IC3102	D-1	IC3101	D-2
IC3110	D-1	IC3103	E-1
IC3111	D-1	IC3104	D-1
IC3202	C-1	IC3105	D-1
IC3203	C-1	IC3106	D-1
IC3204	B-1	IC3107	E-1
IC3205	B-1	IC3108	E-1
IC3206	B-1	IC3109	F-1
IC3208	A-1	IC3201	B-1
IC3210	C-1	IC3207	A-1
IC3213	C-1	IC3209	A-2
		IC3211	A-1
		IC3212	A-1
		IC3214	A-2
TEST POINT			
TP3101	E-2		
TP3102	E-1		
TP3103	E-1		
TP3104	E-2		
TP3203	A-2		
TP3204	B-2		
TP3207	A-1		
TP3208	A-1		
TP3209	A-1		
TP3212	A-1		
TPG3101	E-1		
TPG3201	C-1		
ADJUSTMENT			
VR3101	E-2		
VR3102	E-1		
VR3103	F-1		
VR3201	B-1		
VR3202	A-1		
VC3201	B-1		
CONNECTOR			
P3001	D-2		
P3002	C-2		

**VIDEO NSTD P.C.BOARD(VEP83153B) FOR NTSC MODEL
(VEP83153A) FOR PAL MODEL**



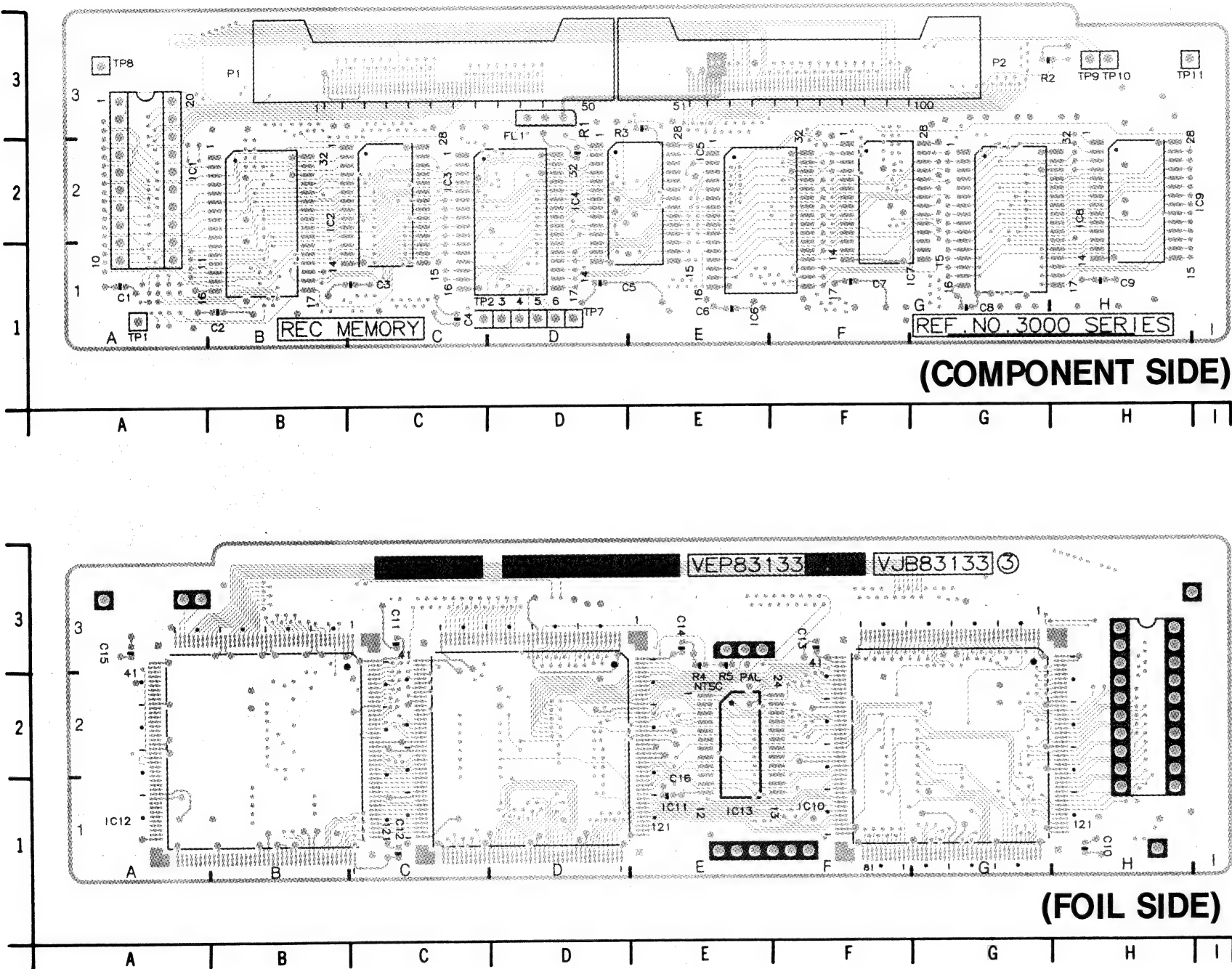
VIDEO NON P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
INTEGRATED CIRCUIT		TRANSISTOR	
IC3101	F-1	Q3101	F-2
IC3102	F-1	Q3201	C-2
IC3102	C-1	Q3202	D-1
IC3103	D-1	Q3203	E-1
IC3104	E-1	Q3204	E-1
IC3105	D-1	Q3205	D-1
IC3310	A-1	Q3401	A-1
IC3302	A-1	Q3402	A-1
IC3306	C-1	Q3403	A-1
IC3309	C-1		
IC3401	B-1		
IC3402	B-1		
TEST POINT		INTEGRATED CIRCUIT	
TP3201	C-1	IC3201	C-1
TP3202	D-1	IC3303	A-1
TP3302	B-1	IC3304	B-1
		IC3305	B-1
		IC3307	C-1
		IC3308	C-1
		IC3403	B-1
ADJUSTMENT			
VR3201	D-1		
VR3301	B-2		
VR3302	C-1		
CONNECTOR			
P3401	D-2		
P3402	C-2		

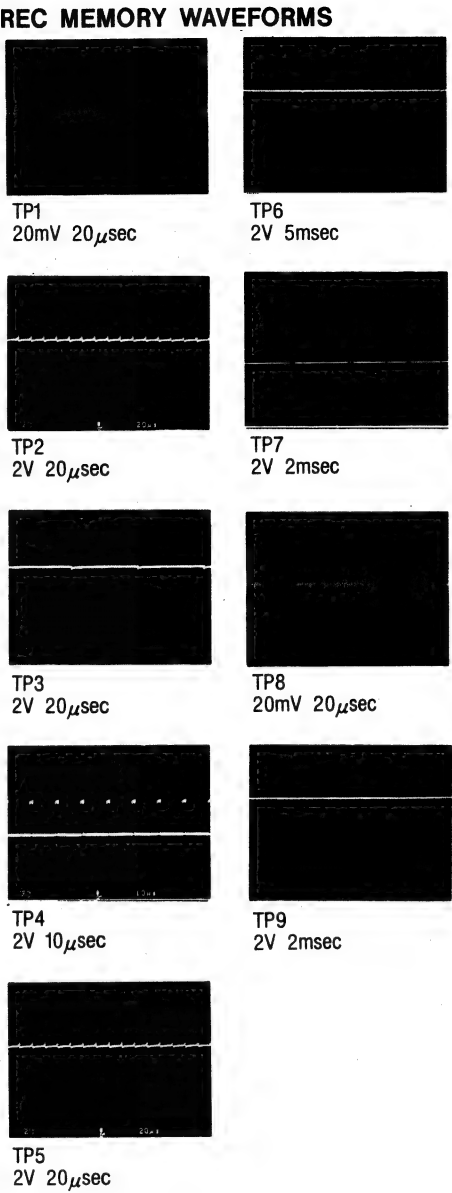


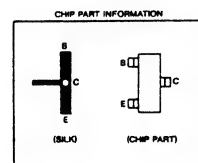
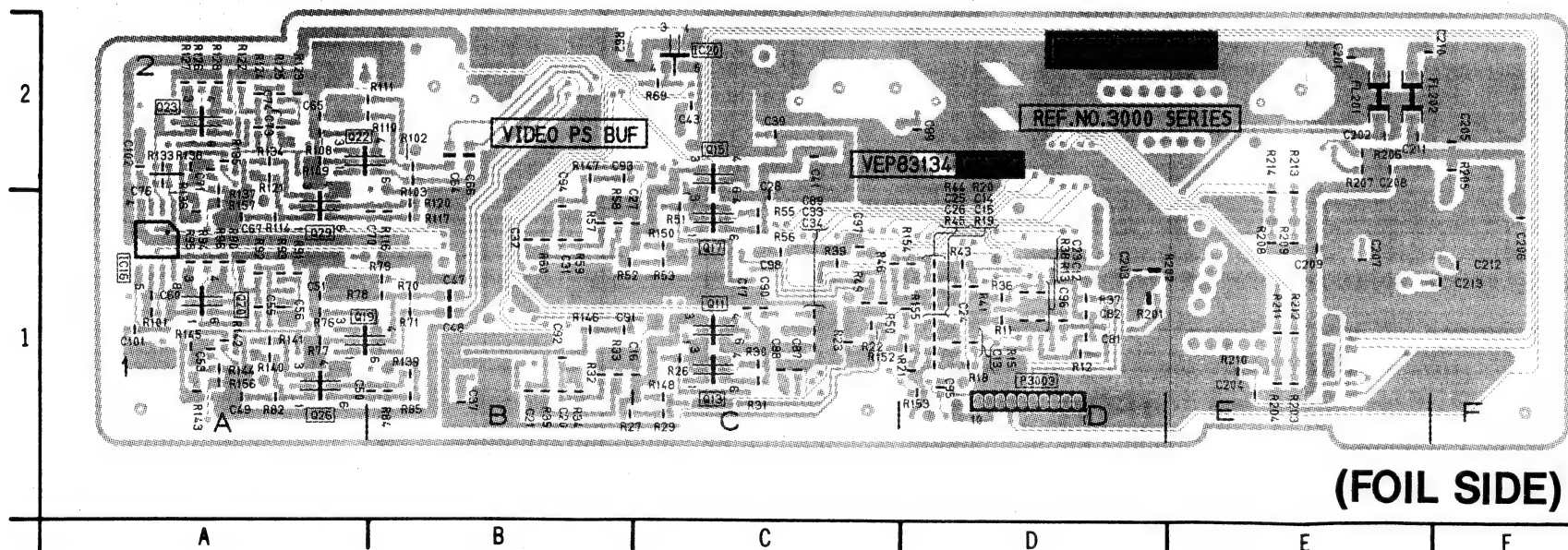
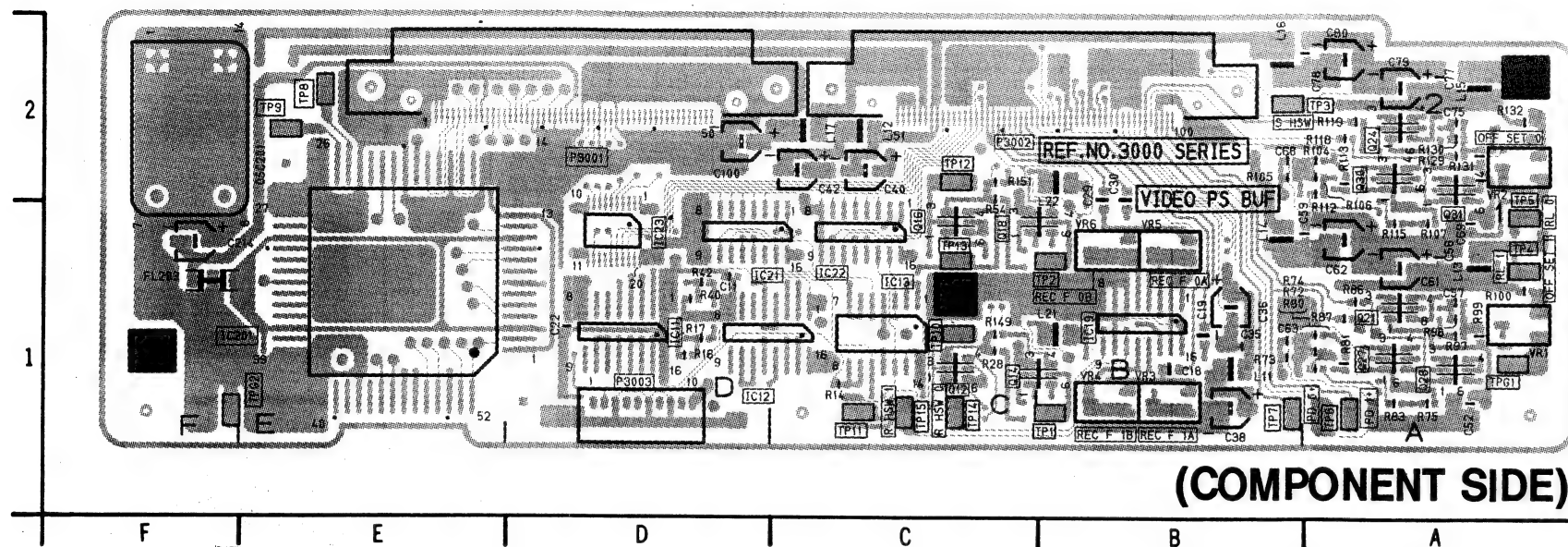
SERIAL I/F P.C. BOARD			
COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		CONNECTOR	
Q1	C-2	P3	A-1
Q2	C-1		
INTEGRATED CIRCUIT			
IC1	A-2		
IC2	B-2		
IC3	C-1		
IC4	B-1		
IC5	D-1		
IC6	B-1		
IC7	A-1		
TEST POINT			
TP1	B-2		
TP2	A-2		
TP3	E-1		
TP4	A-1		
TP5	A-1		
TP6	A-1		
TP7	E-1		
TP8	A-1		
TP9	A-1		
TP10	A-1		
TP11	A-1		
TP12	E-2		
TP13	E-2		
TP14	E-2		
TP15	E-2		
TP16	E-2		
TP17	C-2		
TP18	C-2		
ADJUSTMENT			
VR1	A-2		
VR2	A-2		
CONNECTOR			
P1	D-2		
P2	B-2		

VIDEO REC MEMORY P.C.BOARD (VEP83133D) FOR NTSC MODEL (VEP83133C) FOR PAL MODEL



REC MEMORY P. C. BOARD			
COMPONENT SIDE		FOIL SIDE	
INTEGRATED CIRCUIT		INTEGRATED CIRCUIT	
IC3001	A-2	IC3010	G-2
IC3002	B-2	IC3011	D-2
IC3003	C-2	IC3012	B-2
IC3004	D-2	IC3013	E-2
IC3005	E-2		
IC3006	E-2		
IC3007	F-2		
IC3008	G-2		
IC3009	H-2		
TEST POINT			
TP3001	A-1		
TP3002	D-1		
TP3003	D-1		
TP3004	D-1		
TP3005	D-1		
TP3006	D-1		
TP3007	D-1		
TP3008	A-3		
TP3009	H-3		
TP3010	H-3		
TP3011	H-3		
CONNECTOR			
P3001	C-3		
P3002	F-2		

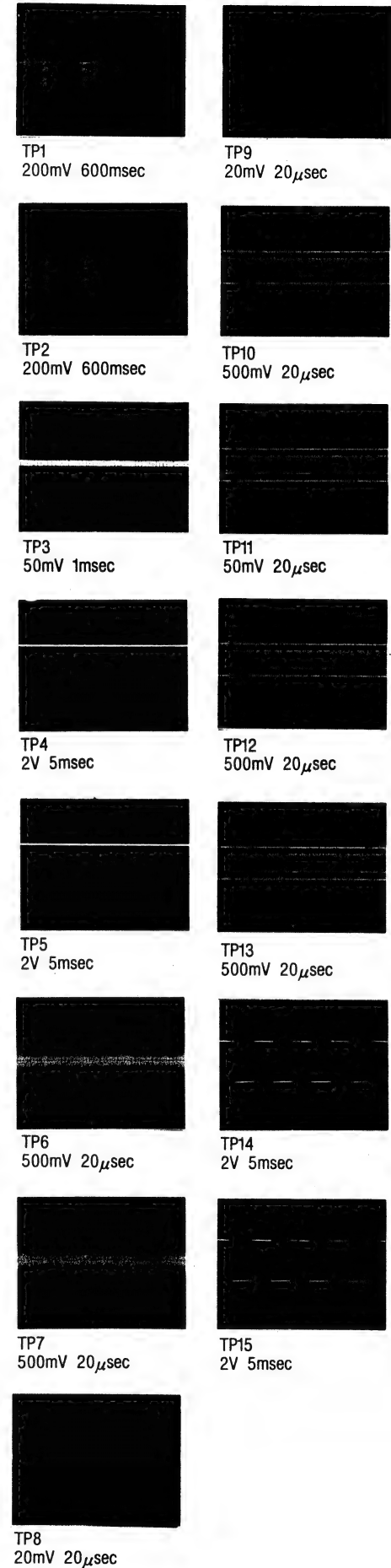




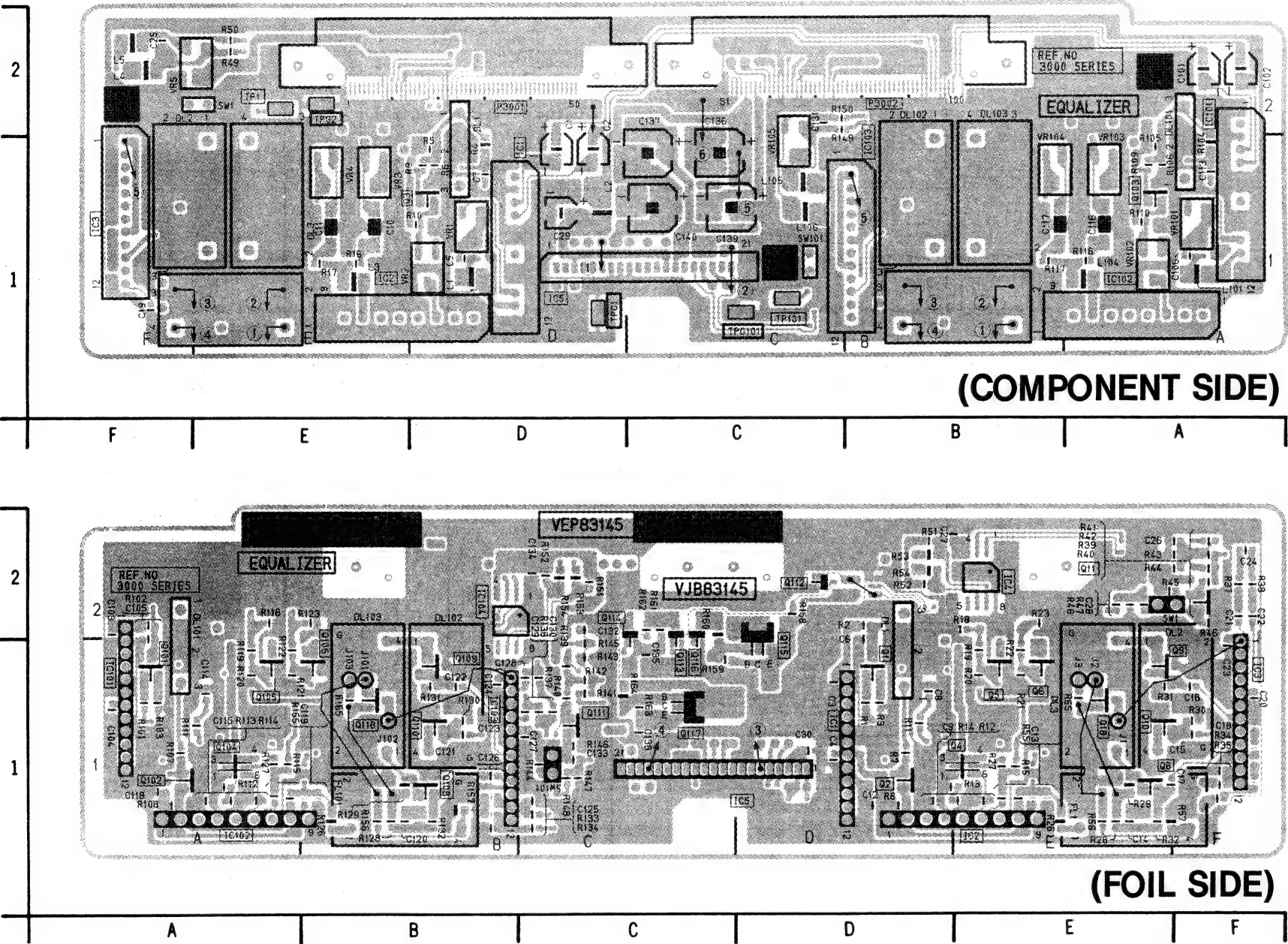
VIDEO PS BUFF
P.C. BOARD

COMPONENT			SIDE	
TRANSISTOR			VR3005	B-1
Q3012	C-1		VR3006	B-1
Q3014	C-1			
Q3016	C-1		CONNECTOR	
Q3018	C-1		P3001	D-2
Q3021	A-1		P3002	C-1
Q3024	A-2		P3003	D-1
Q3027	A-1			
Q3028	A-1			
Q3030	A-2			
Q3031	A-1			
INTEGRATED				
CIRCUIT				
IC3011	D-1			
IC3012	D-1			
IC3013	C-1			
IC3019	B-1			
IC3021	D-1			
IC3022	C-1			
IC3023	D-1			
IC3201	E-1			
TEST POINT				
TP3001	B-1		FOIL SIDE	
TP3002	B-1		TRANSISTOR	
TP3003	B-2		Q3011	C-1
TP3004	A-1		Q3013	C-1
TP3005	A-1		Q3015	C-1
TP3006	A-1		Q3017	C-1
TP3007	B-1		Q3019	B-1
TP3008	E-2		Q3020	A-1
TP3009	E-2		Q3022	A-2
TP3010	C-1		Q3023	A-2
TP3011	C-1		Q3026	A-1
TP3012	C-1		Q3029	A-1
TP3013	C-1		Q3201	E-1
TP3014	C-1			
TP3015	C-1		INTEGRATED	
			CIRCUIT	
TPG3002	F-1		IC3016	A-1
			IC3020	C-2
ADJUSTMENT			IC3202	E-1
VR3001	A-1			
VR3002	A-2			
VR3003	B-1			
VR3004	B-1			

P/S BUFF WAVEFORMS



EQUALIZER P.C.BOARD(VEP83145D) FOR NTSC MODEL
(VEP83145C) FOR PAL MODEL



EQUALIZER P. C. BOARD			
COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q3003	D-1	Q3001	D-1
Q3103	A-1	Q3002	D-1
INTEGRATED CIRCUIT		Q3004	E-1
		Q3005	E-1
IC3001	D-1	Q3006	E-1
	E-1	Q3007	E-1
	F-1	Q3008	E-1
	C-1	Q3009	E-1
	A-1	Q3010	E-1
	A-1	Q3011	F-2
	B-1	Q3101	A-1
TEST POINT		Q3102	A-1
		Q3104	A-1
TP3001	E-2	Q3105	A-1
TP3101	C-1	Q3106	B-1
TPG3001	D-1	Q3107	B-1
	E-2	Q3108	B-1
TPG3101	C-1	Q3109	B-1
ADJUSTMENT		Q3110	B-1
		Q3111	C-1
VR3001	D-1	Q3112	D-2
VR3002	D-1	Q3113	C-1
VR3003	E-1	Q3114	C-1
VR3004	E-1	Q3115	D-1
VR3005	E-2	Q3116	C-1
VR3101	A-1	Q3117	C-1
VR3102	A-1	Q3118	B-1
VR3103	A-1	INTEGRATED CIRCUIT	
VR3104	B-1		
VR3105	C-1		
CONNECTOR		IC3004	E-2
		IC3006	D-2
P3001	D-2	IC3104	B-2
P3002	B-2		

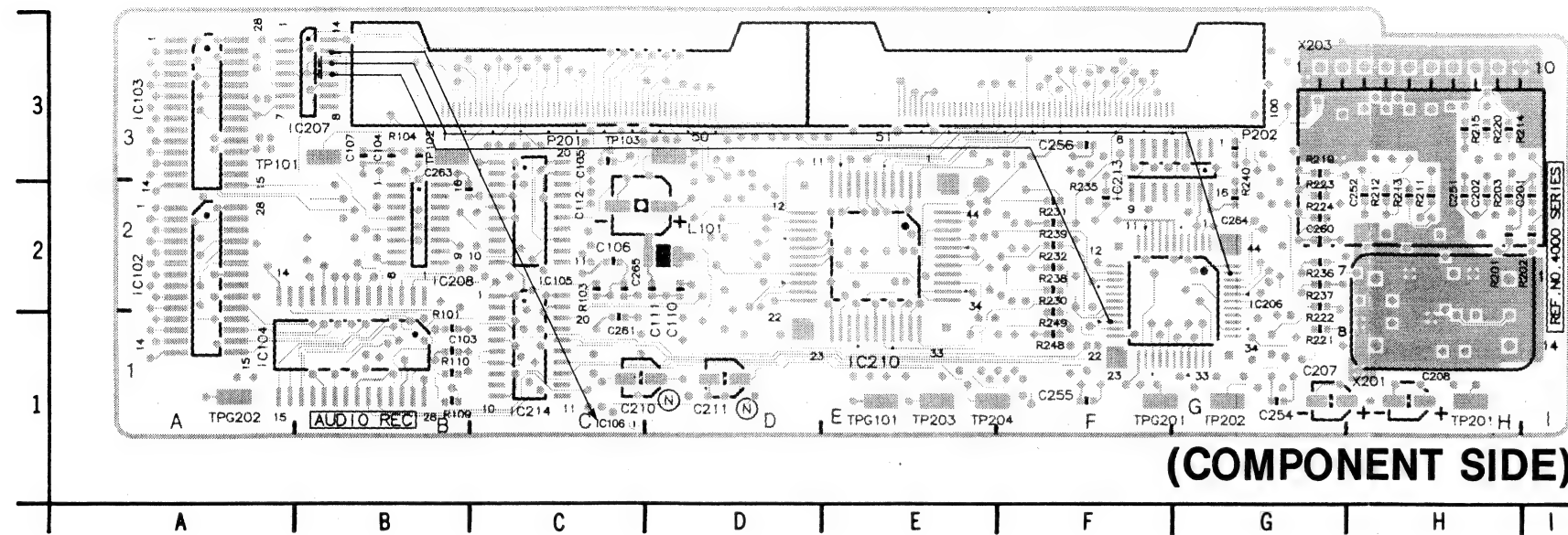
EQUALIZER SUB 1 P.C.BOARD(VEP83176A)

EQUALIZER SUB 2 P.C.BOARD(VEP83177A)



AUDIO REC P.C.BOARD

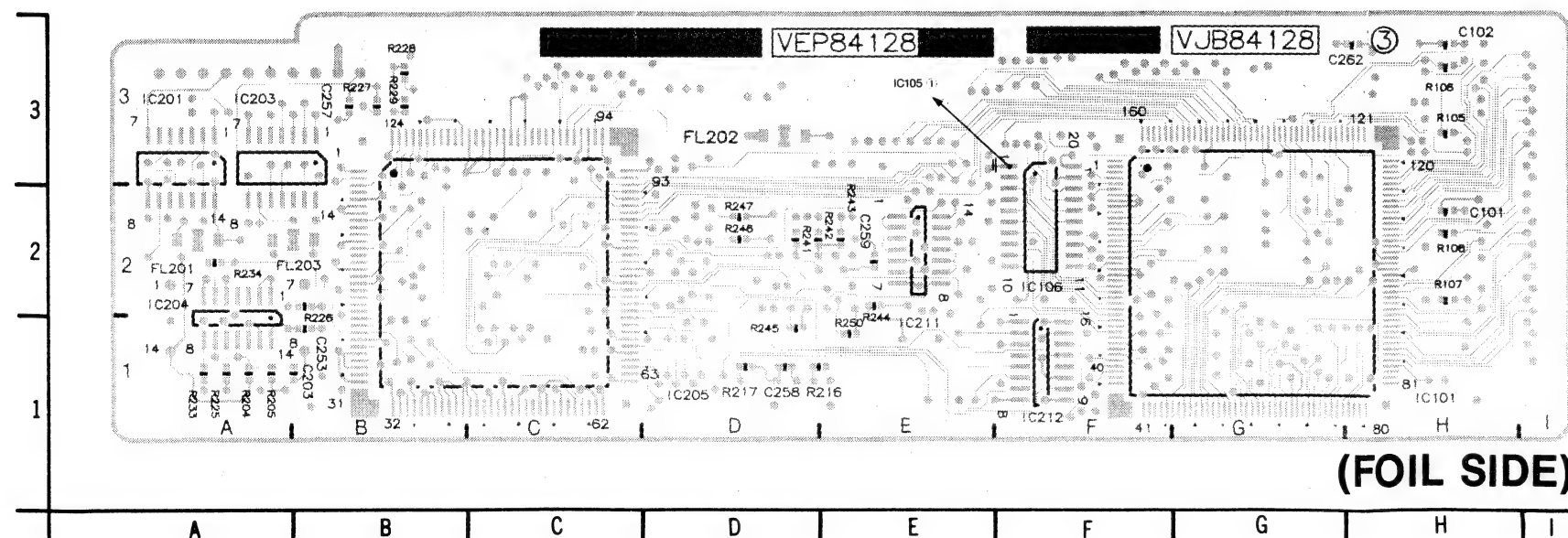
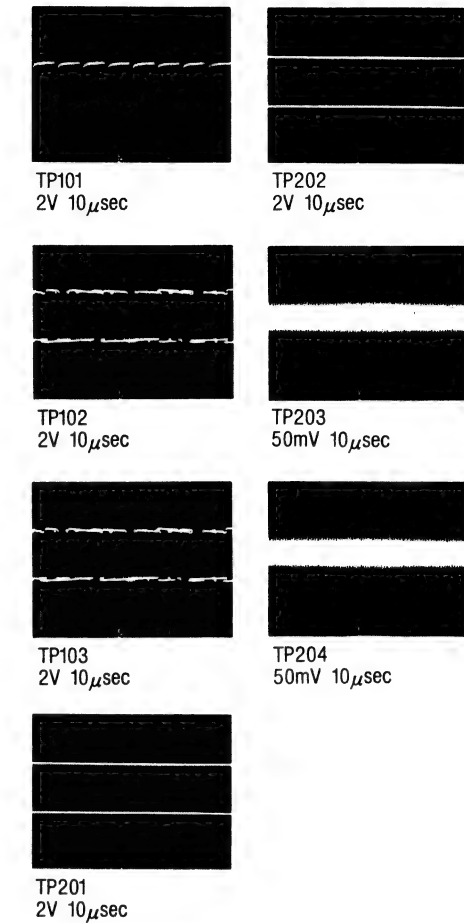
AUDIO REC P.C.BOARD(VEP84128B)



AUDIO
REC P.C. BOARD

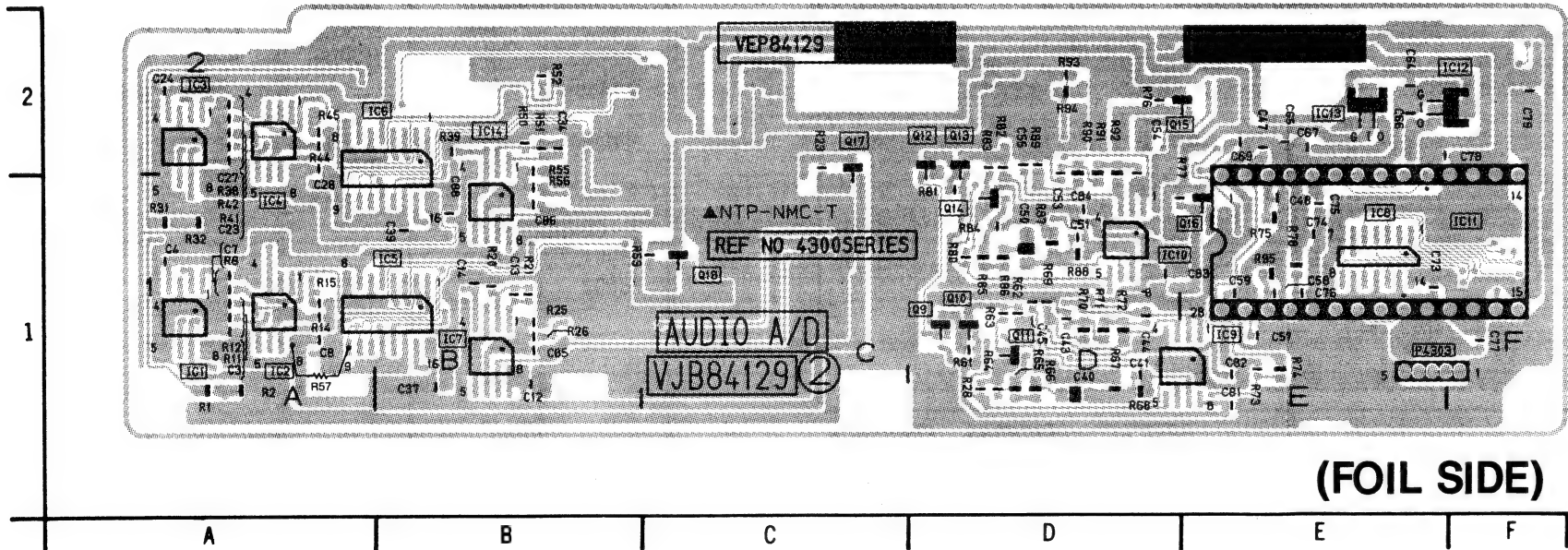
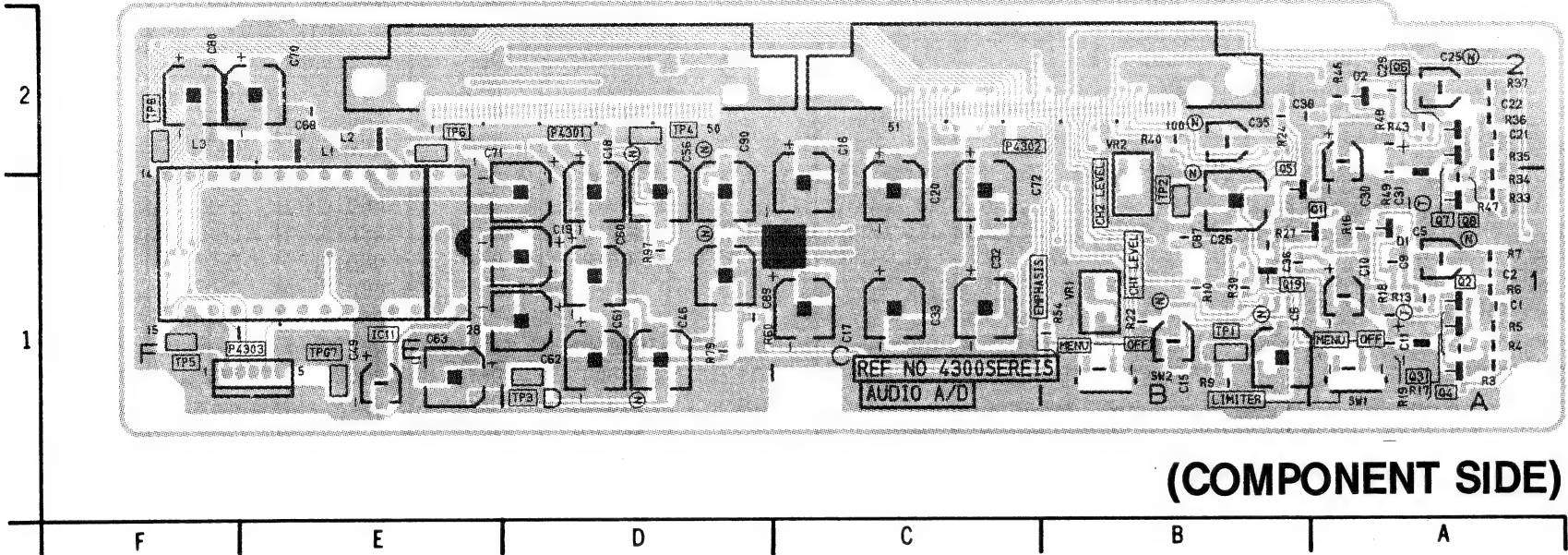
COMPONENT SIDE		FOIL SIDE	
INTEGRATED CIRCUIT		INTEGRATED CIRCUIT	
IC4102	A-2	IC4101	G-2
IC4103	A-3	IC4106	F-2
IC4104	B-1	IC4201	A-3
IC4105	C-2	IC4203	A-3
IC4206	G-2	IC4204	A-2
IC4207	B-3	IC4205	C-2
IC4208	B-2	IC4211	E-2
IC4210	E-2	IC4212	F-1
IC4213	F-3		
IC4214	C-1		
TEST POINT			
TP4101	B-3		
TP4102	B-3		
TP4103	D-3		
TP4201	H-1		
TP4202	G-1		
TP4203	E-1		
TP4204	E-1		
TPG4101	E-1		
TPG4201	F-1		
TPG4202	A-1		
CONNECTOR			
P4201	C-3		
P4202	F-3		

AUDIO REC WAVEFORMS



REVERSE SIDE	EQUALIZER/SUB 1/SUB 2 P.C.BOARD
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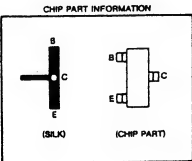
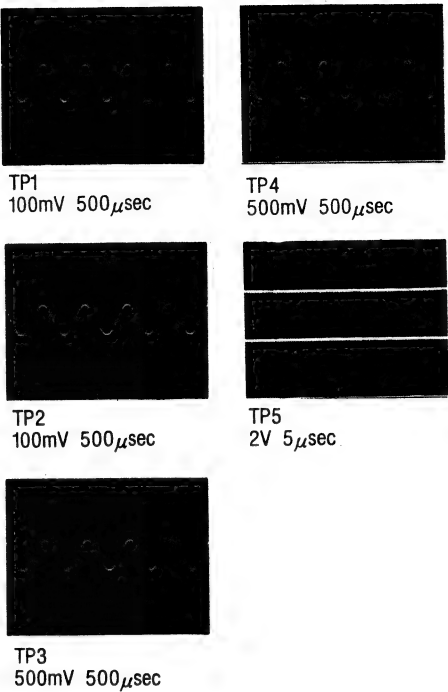
AUDIO A/D P.C.BOARD(VEP84129B)



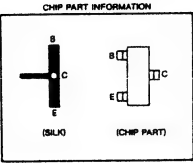
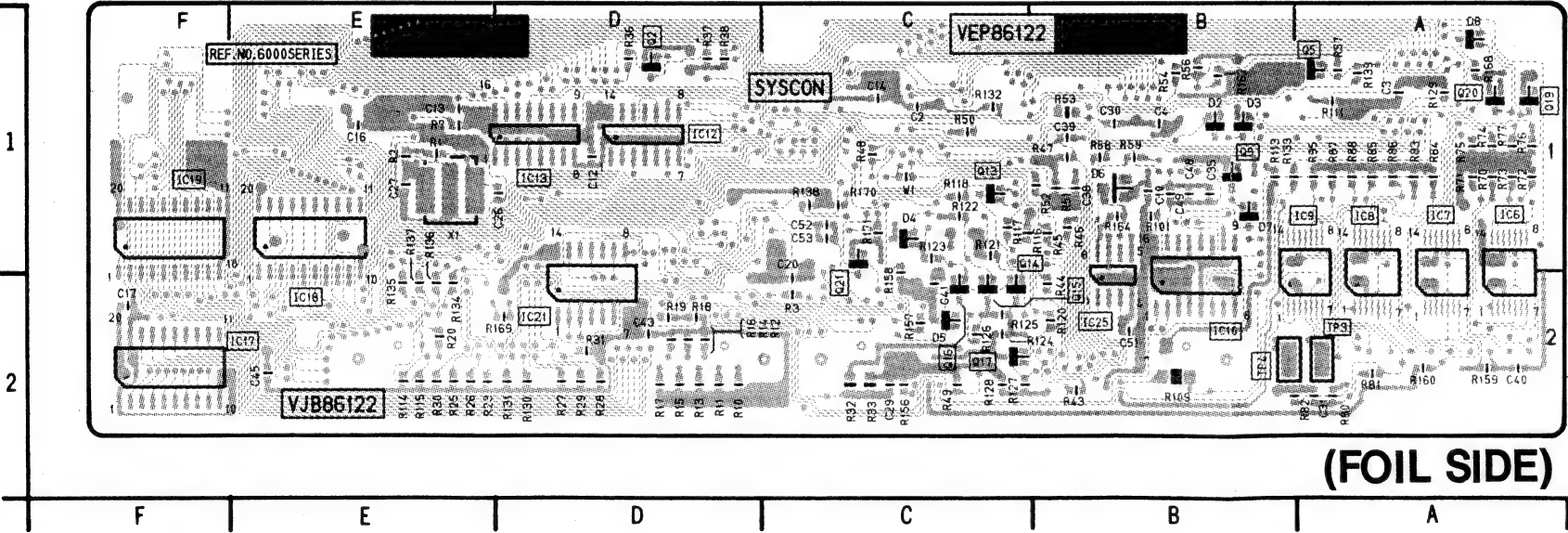
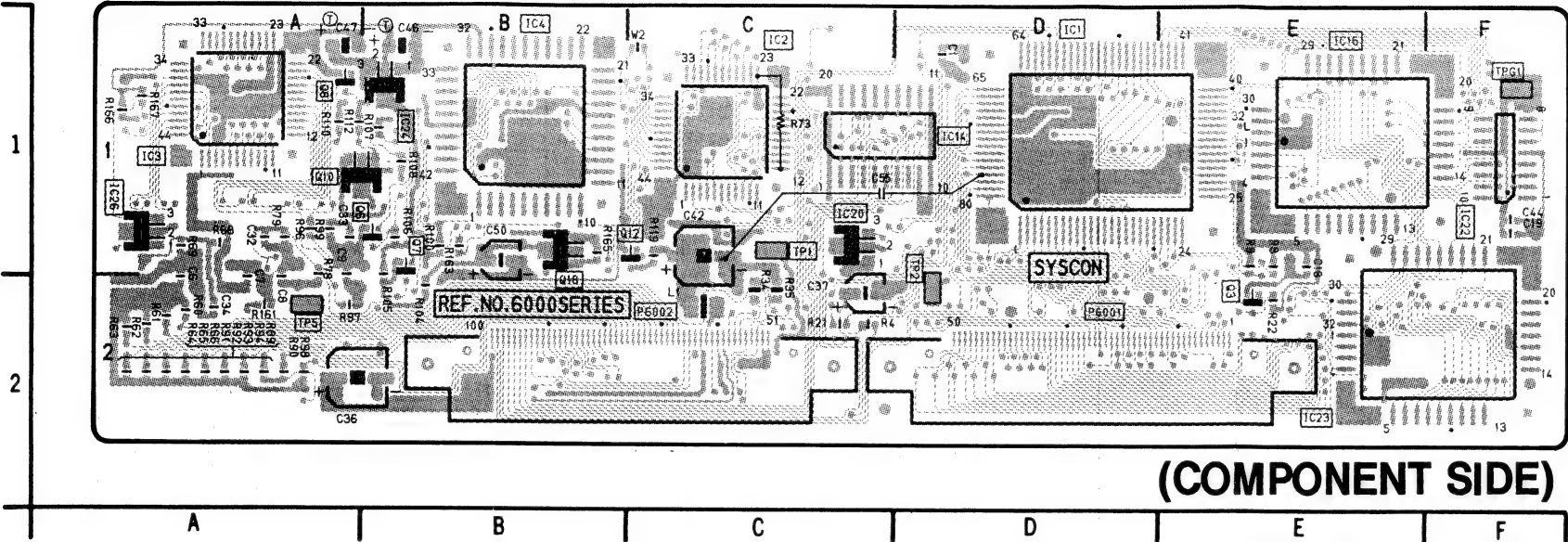
AUDIO A/D
P. C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q4301	B-1	Q4309	D-1
Q4302	A-1	Q4310	D-1
Q1303	A-1	Q4311	D-1
Q4304	A-1	Q4312	D-2
Q4305	B-1	Q4313	D-2
Q4306	A-2	Q4314	D-1
Q4307	A-2	Q4315	D-1
Q4308	A-1	Q4316	E-1
Q4319	B-1	Q4317	C-2
		Q4318	C-1
INTEGRATED CIRCUIT		INTEGRATED CIRCUIT	
IC4311	E-1	IC4301	A-1
TEST POINT		IC4302	A-1
TP4301	B-1	IC4303	A-2
TP4302	B-1	IC4304	A-2
TP4303	D-1	IC4305	B-1
TP4304	D-2	IC4306	B-2
TP4305	F-1	IC4307	B-1
TP4306	E-2	IC7308	E-1
TP4308	F-2	IC4309	E-1
TPG4307	E-1	IC4310	D-1
ADJUSTMENT		IC4312	E-2
VR4301	B-1	IC4313	E-2
VR4302	B-1	IC4314	B-1
CONNECTOR			
P4301	D-2		
P4302	C-1		
P4303	E-1		

AUDIO A/D WAVEFORMS



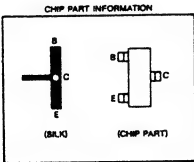
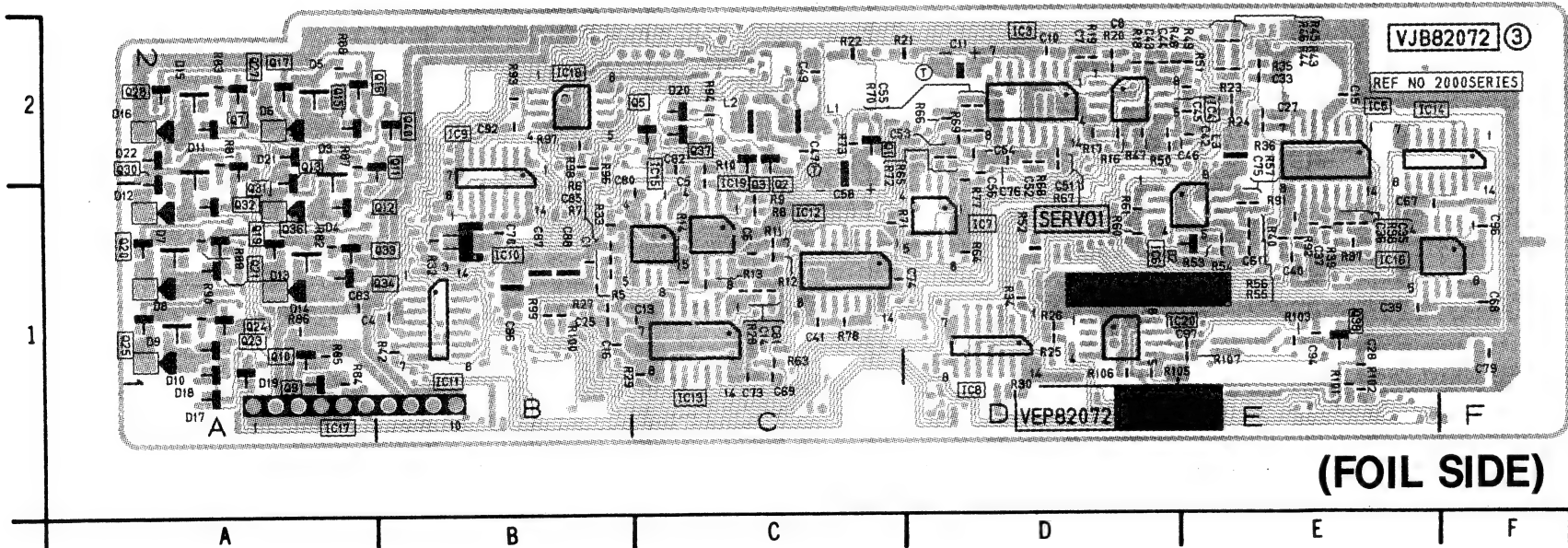
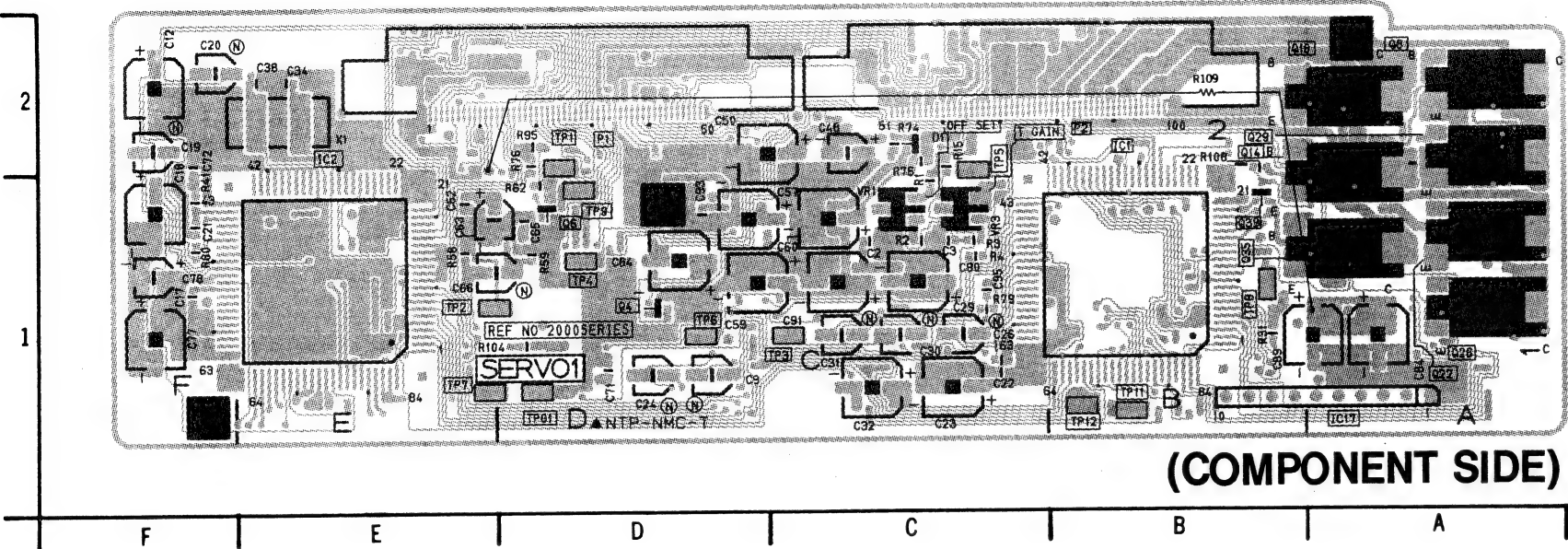
SYSTEM CONTROL P.C.BOARD(VEP86122A)



SYSCON P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q6003	E-2	Q6002	D-1
Q6006	B-1	Q6005	A-1
Q6007	B-1	Q6009	B-1
Q6008	A-1	Q6013	C-1
Q6010	A-1	Q6014	C-2
Q6012	C-1	Q6015	C-2
Q6018	B-1	Q6016	C-2
		Q6017	C-2
		Q6019	A-1
		Q6020	A-1
		Q6021	C-1
INTEGRATED CIRCUIT		INTEGRATED CIRCUIT	
IC6001	D-1	IC6006	A-1
IC6002	C-1	IC6007	A-1
IC6003	A-1	IC6008	A-1
IC6004	B-1	IC6009	A-1
IC6014	C-1	IC6010	B-2
IC6016	E-1	IC6012	D-1
IC6020	C-1	IC6013	D-1
IC6022	F-1	IC6017	F-2
IC6023	E-2	IC6018	E-1
IC6024	B-1	IC6019	F-1
IC6026	A-1	IC6021	D-2
		IC6025	B-2
TEST POINT		TEST POINT	
TP6001	C-1	TP6003	A-2
TP6002	D-2	TP6004	B-2
TP6005	A-2		
TPG6001	F-1		
CONNECTOR			
P6001	D-2		
P6002	C-2		

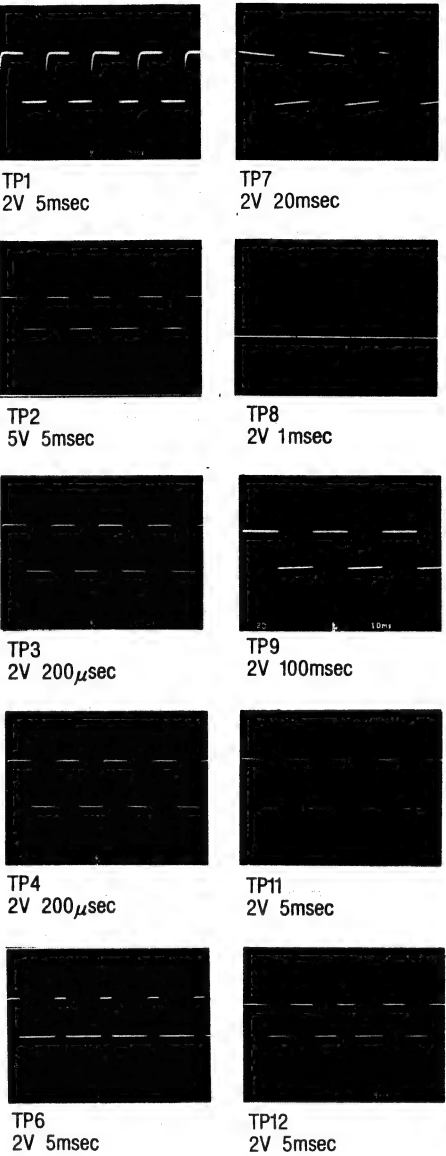
SERVO 1 P.C.BOARD(VEP82072B)



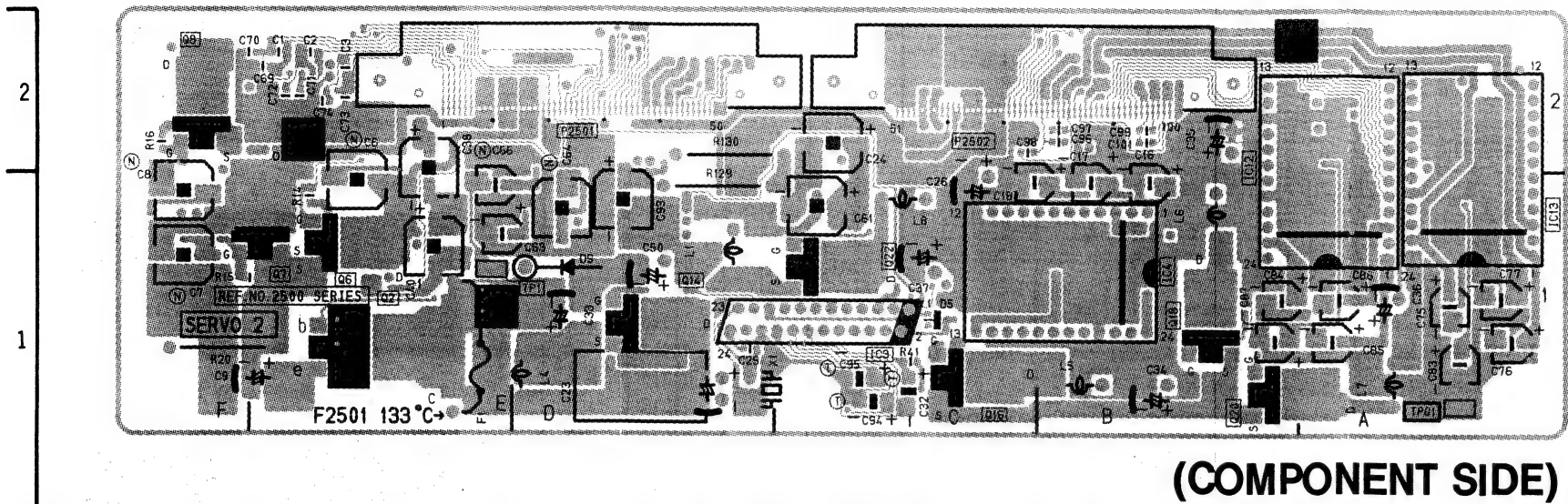
SERVO 1
P. C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q2004	D-1	Q2001	C-2
Q2006	D-1	Q2002	C-2
Q2008	A-2	Q2003	C-2
Q2014	A-1	Q2005	C-2
Q2018	A-2	Q2007	A-2
Q2022	A-1	Q2009	A-1
Q2026	A-1	Q2010	A-1
Q2029	A-2	Q2011	B-2
Q2035	A-1	Q2012	A-1
INTEGRATED CIRCUIT		Q2013	A-2
		Q2015	A-2
		Q2016	B-2
IC2001	B-1	Q2017	A-2
IC2002	E-1	Q2019	A-1
IC2017	A-1	Q2020	A-1
TEST POINT		Q2021	A-1
		Q2023	A-1
		Q2024	A-1
TP2001	D-1	Q2025	A-1
TP2002	E-1	Q2027	A-2
TP2003	D-1	Q2028	A-2
TP2004	D-1	Q2030	A-2
TP2005	C-1	Q2031	A-2
TP2006	D-1	Q2032	A-1
TP2007	E-1	Q2033	A-1
TP2008	B-1	Q2034	A-1
TP2009	D-1	Q2036	A-1
TP2011	B-1	Q2037	C-2
TP2012	B-1	Q2038	E-1
TPG2001	D-1	INTEGRATED CIRCUIT	
CONNECTOR			
P2001	D-2	IC2003	D-2
P2002	C-2	IC2004	D-2
ADJUSTMENT		IC2005	E-2
		IC2006	E-1
		IC2007	D-1
VR2001	C-1	IC2008	D-1
VR2003	C-1	IC2009	B-2
		IC2010	B-1
		IC2011	B-1
		IC2012	C-1
		IC2013	C-1
		IC2014	F-2
		IC2015	C-1
		IC2016	F-1
		IC2018	B-2
		IC2019	C-1

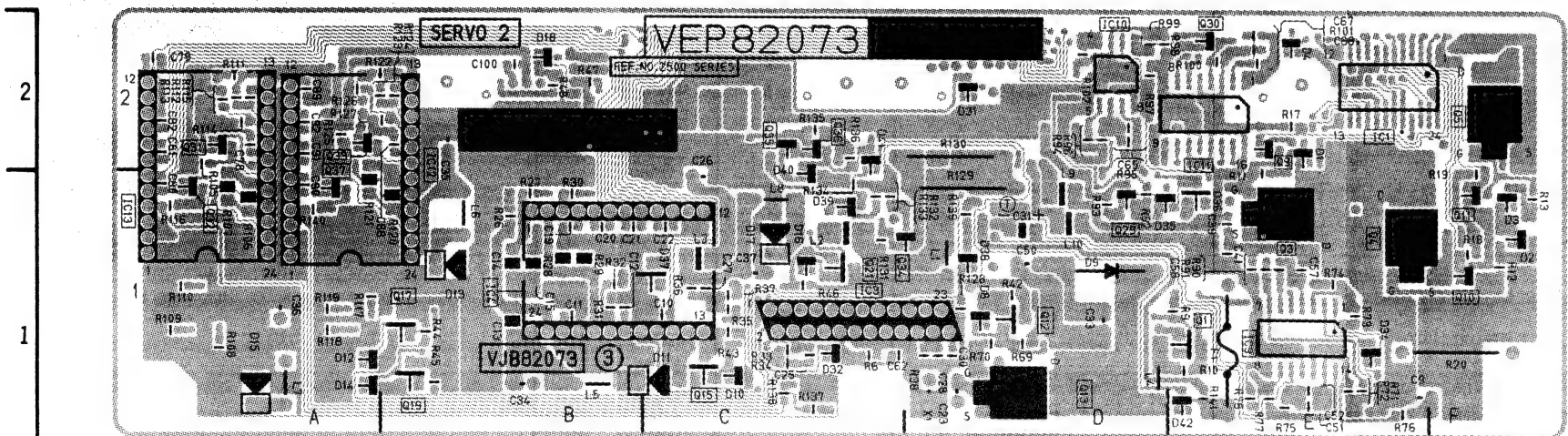
SERVO 1 WAVEFORMS



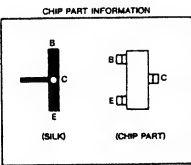
SERVO 2 P.C.BOARD(VEP82073B)



(COMPONENT SIDE)



(FOIL SIDE)



REVERSE SIDE SERVO 1 P.C.BOARD

SERVO 2 P.C. BOARD

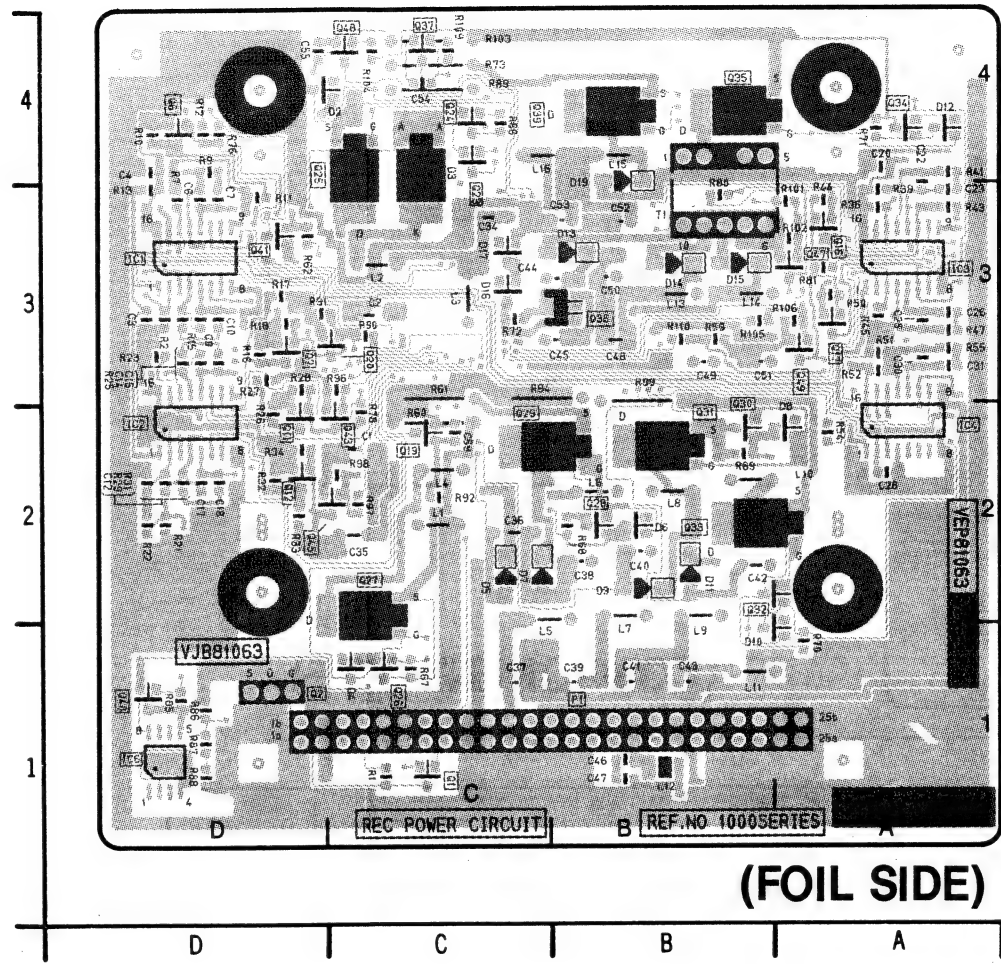
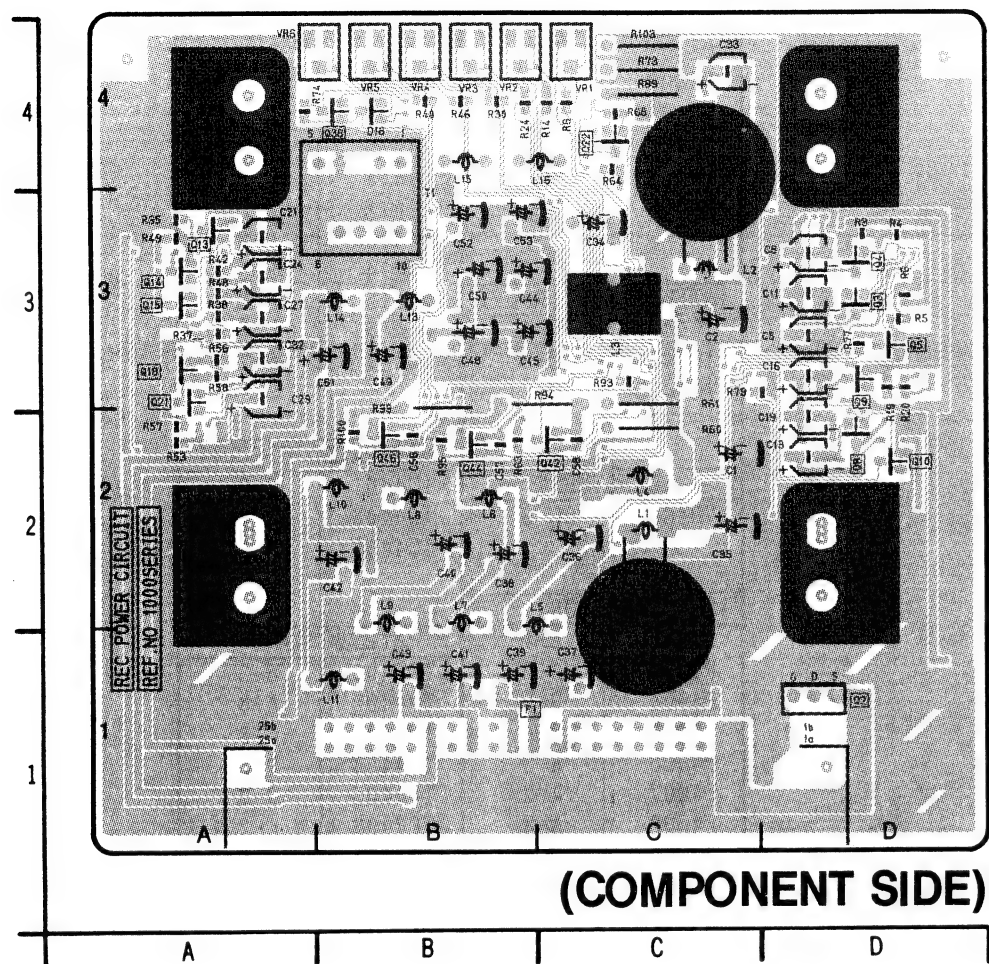
COMPONENT SIDE		FOIL SIDE								
TRANSISTOR		TRANSISTOR								
Q2502	E-1	Q2501	E-1							
Q2503	E-2	Q2509	E-1							
Q2504	F-2	Q2510	F-1							
Q2505	F-2	Q2511	F-1							
Q2506	E-1	Q2512	E-1							
Q2507	F-1	Q2515	B-1							
Q2508	F-1	Q2517	A-1							
Q2513	E-1	Q2519	B-1							
Q2514	E-1	Q2521	D-1							
Q2516	B-1	Q2523	B-1							
Q2518	A-1	Q2524	B-1							
Q2520	B-1	Q2525	A-1							
Q2522	D-1	Q2526	A-1							
INTEGRATED CIRCUIT		Q2527	A-1							
		Q2528	A-1							
		Q2529	D-2							
IC2503	D-1	INTEGRATED CIRCUIT	Q2530	D-1						
IC2504	C-1									
IC2506	B-1									
IC2507	A-1	TEST POINT								
TP2501					D-1					
TPG2501					D-1					
CONNECTOR					IC2501			E-2		
P2501	D-2				IC2508			A-2		
P2502	C-2								IC2509	
		IC2510			D-1					
		IC2511			D-2					

SERVO 2 WAVEFORMS



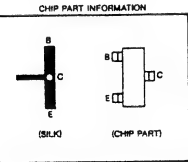
TP1
2V 500msec

REC POWER P.C.BOARD(VEP81063A)



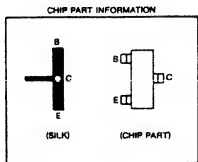
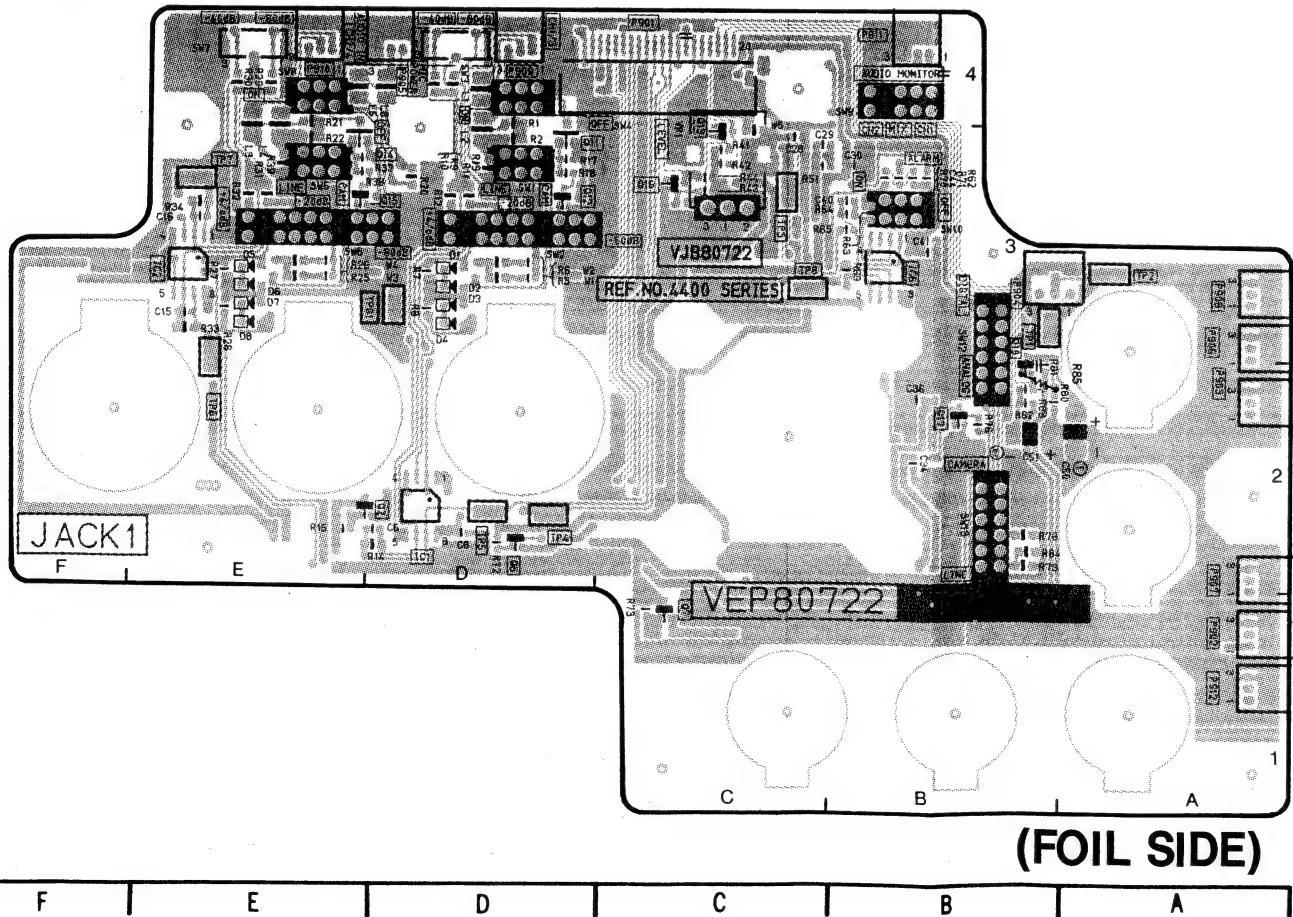
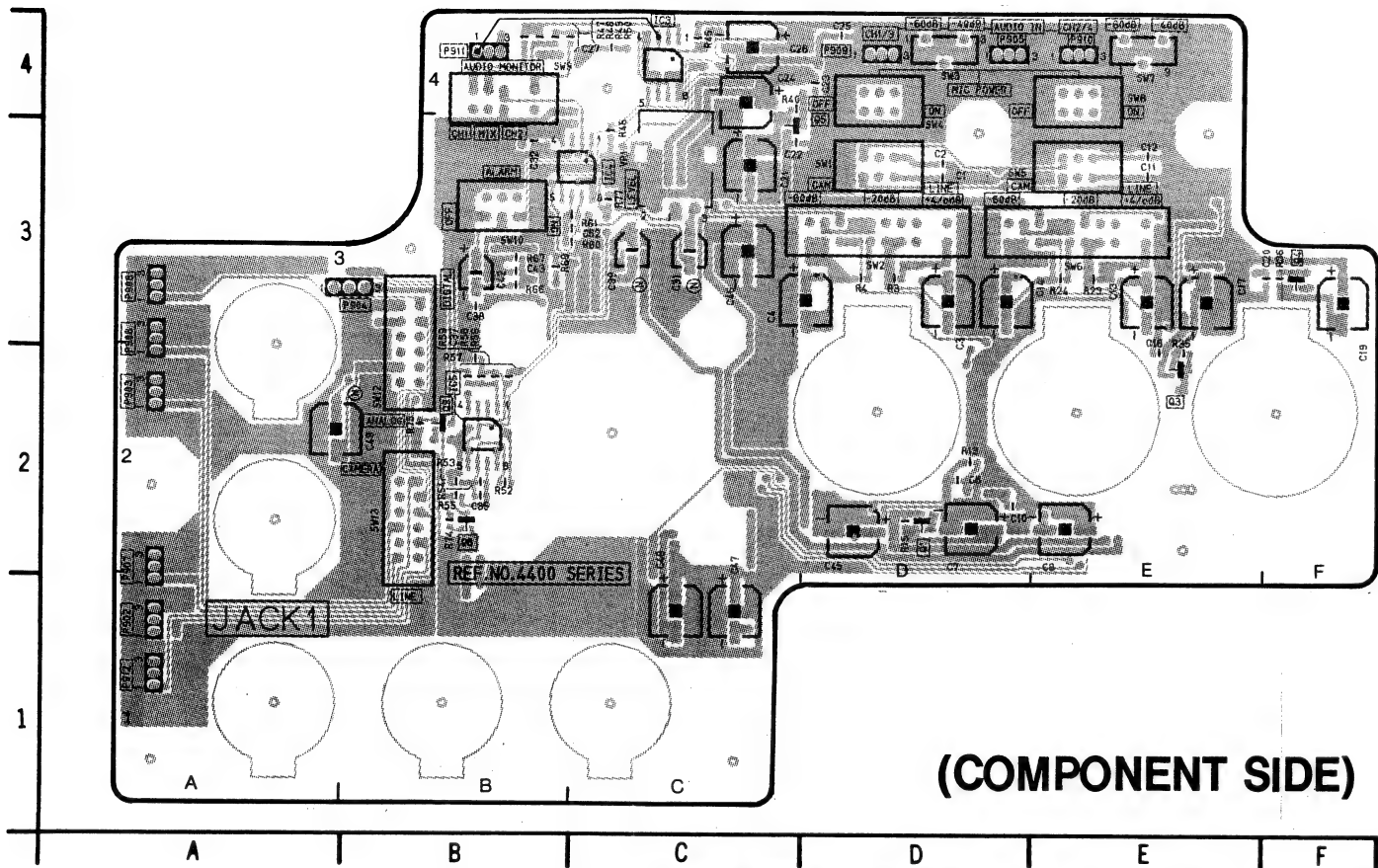
REC POWER P. C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q1002	D-1	Q1001	C-1
Q1003	D-3	Q1006	D-4
Q1004	D-3	Q1007	D-3
Q1005	D-3	Q0111	D-2
Q1008	D-2	Q1012	D-2
Q1009	D-3	Q1016	A-3
Q1010	D-2	Q1017	A-3
Q1013	A-3	Q1019	C-2
Q1014	A-3	Q1020	C-3
Q1015	A-3	Q1023	C-4
Q1018	A-3	Q1024	C-4
Q1021	A-3	Q1025	C-4
Q1022	C-4	Q1026	C-1
Q1038	B-4	Q1027	C-2
Q1042	C-2	Q1028	B-2
Q1044	B-2	Q1029	C-2
Q1046	B-2	Q1030	B-2
		Q1031	B-2
		Q1032	B-2
		Q1033	B-2
		Q1034	A-4
		Q1035	B-4
		Q1036	B-3
		Q1037	C-4
		Q1039	B-4
		Q1040	D-1
		Q1041	D-3
		Q1043	C-2
		Q1045	C-2
		Q1047	A-3
		Q1048	C-4
		Q1049	A-3
ADJUSTMENT		CONNECTOR	
VR1001	C-4	P1001	B-1
VR1002	B-4		
VR1003	B-4		
VR1004	B-4		
VR1005	B-4		
VR1006	B-4		
INTEGRATED CIRCUIT			
IC1001	D-3		
IC1002	D-2		
IC1003	A-3		
IC1004	A-2		
IC1006	D-1		



JACK 1 P.C.BOARD(VEP80722B) FOR NTSC MODEL
(VEP80722A) FOR PAL MODEL

JACK 1 P.C.BOARD



SCM-106

REVERSE SIDE

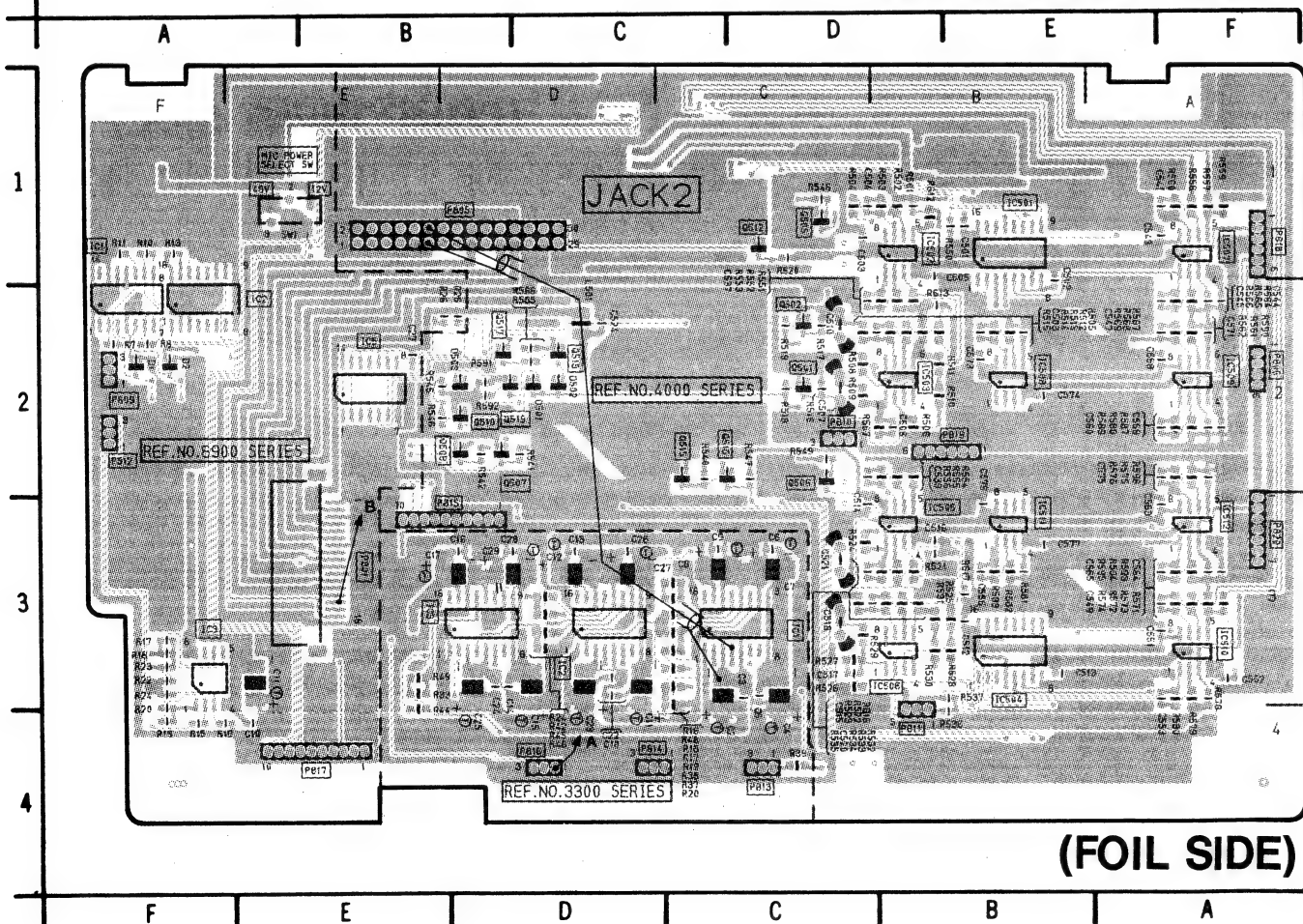
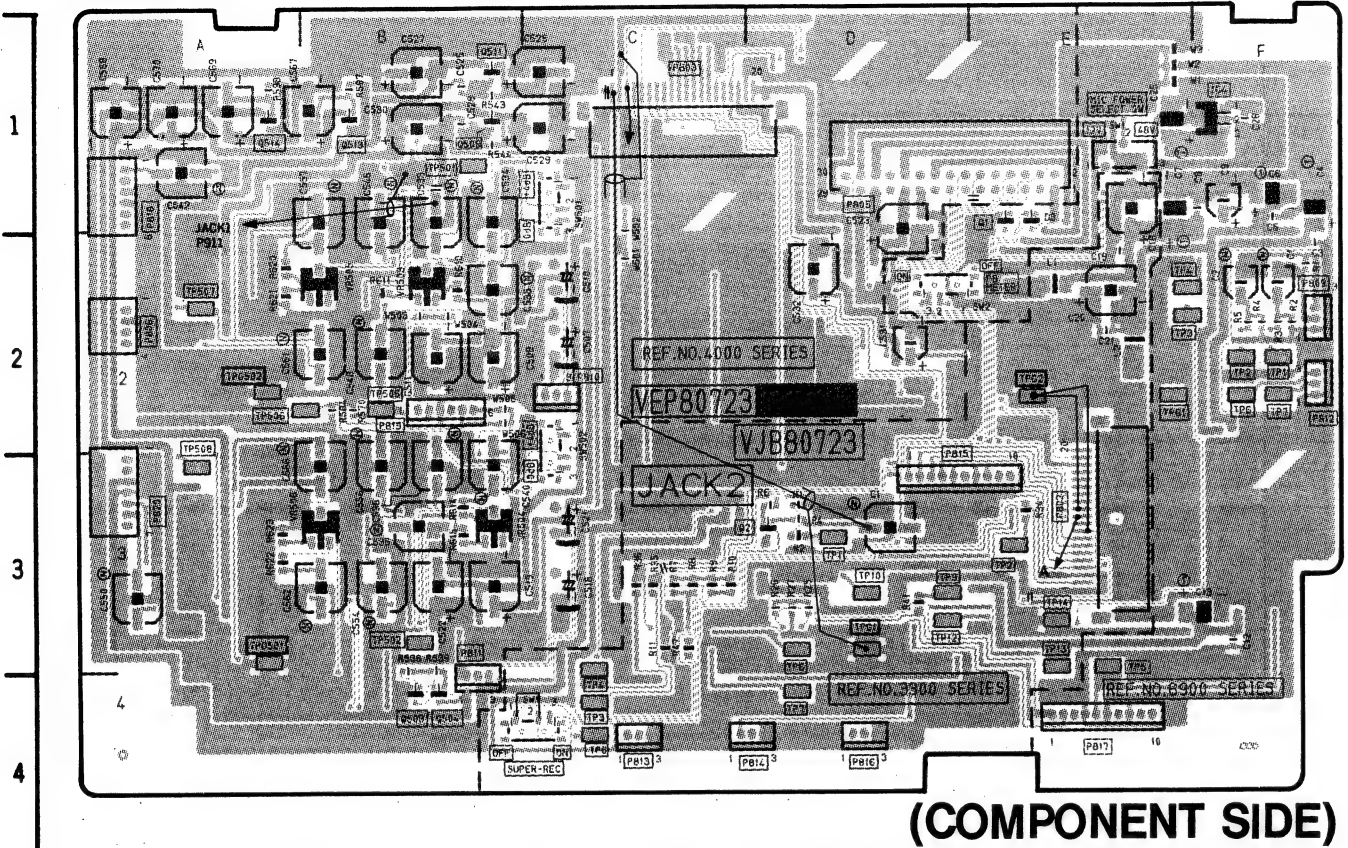
REC POWER P.C.BOARD

JACK 1 P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q4401	D-2	Q4402	D-2
Q4403	E-2	Q4406	D-2
Q4404	F-3	Q4407	C-1
Q4405	C-3	Q4410	B-2
Q4408	B-2	Q4411	D-3
Q4409	B-2	Q4412	D-3
INTEGRATED CIRCUIT		Q4413	C-3
		Q4414	E-3
		Q4415	E-3
		Q4416	C-3
ADJUSTMENT		Q4417	B-2
		INTEGRATED CIRCUIT	
		IC4401	D-2
VR4401	C-3	IC4402	E-3
CONNECTOR		IC4406	B-3
		TEST POINT	
		TP4401	B-3
		TP4402	A-3
		TP4403	C-3
		TP4404	D-2
		TP4405	D-2
		TP4406	E-2
		TP4407	E-3
		TP4408	C-3
		TPG4401	D-3
		CONNECTOR	
		P4901	C-4

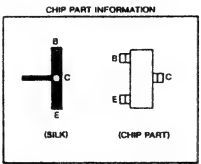
SCM-106

JACK 2 P.C.BOARD(VEP80723A)

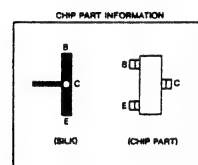
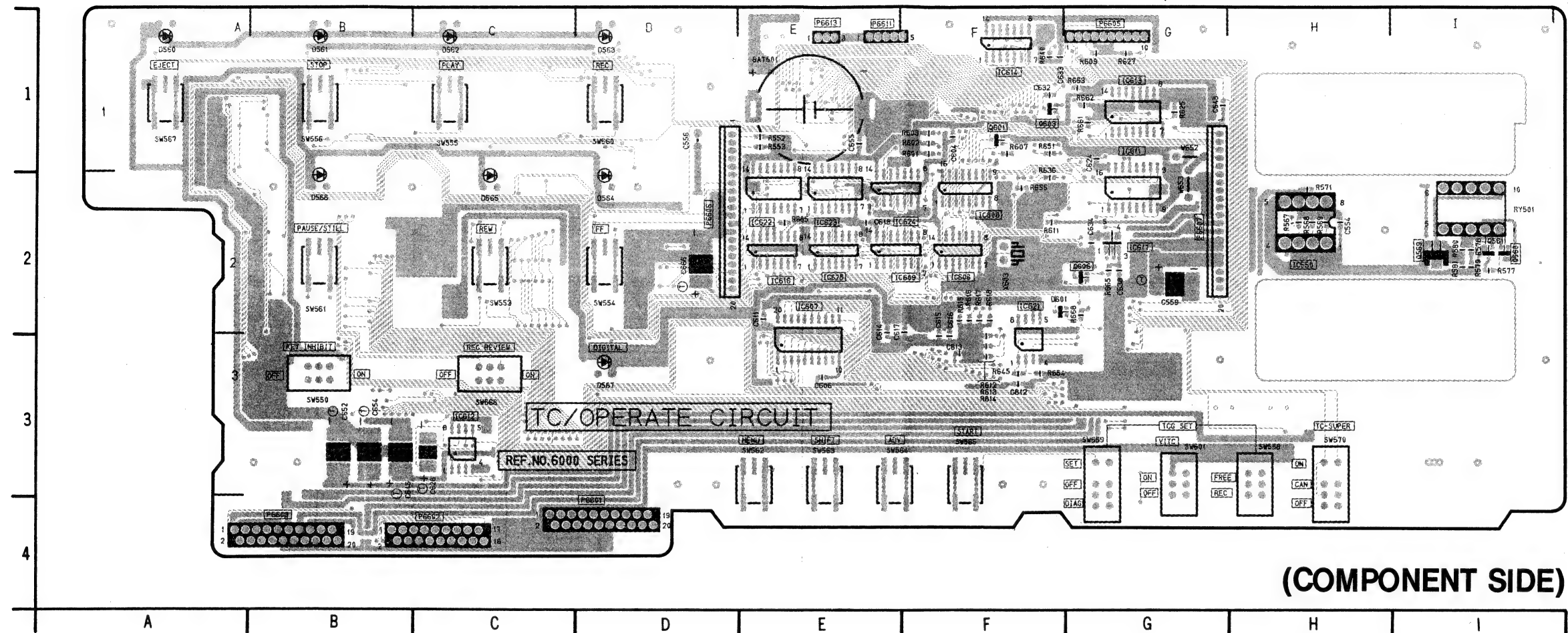


JACK 2 P.C. BOARD

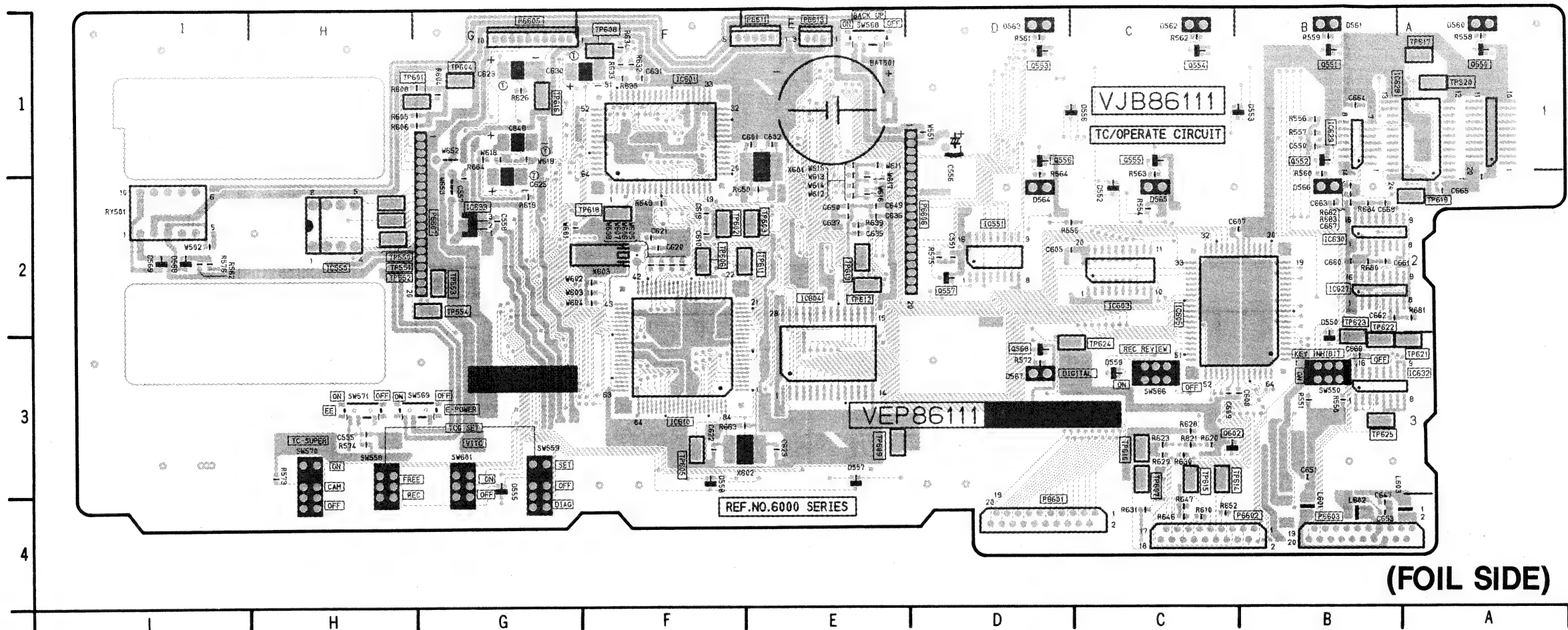
COMPONENT SIDE				FOIL SIDE	
TRANSISTOR		ADJUSTMENT		TRANSISTOR	
Q3302	D-3	VR4503	B-2	Q4501	C-2
Q4503	B-4	VR4504	B-3	Q4502	C-2
Q4504	B-4	VR4505	B-2	Q4505	C-1
Q4509	B-1	VR4506	B-3	Q4506	C-2
Q4511	B-1	CONNECTOR		Q4507	D-2
Q4513	B-1			Q4508	D-2
Q4514	A-1			Q4510	D-2
Q6901	E-1			Q4512	C-1
INTEGRATED CIRCUIT		P802	E-3	Q4515	C-2
		P803	C-1	Q4516	C-2
		P805	D-1	Q4517	D-2
		P806	A-2	Q4518	D-2
IC6904	F-1	P809	F-2	Q4519	D-2
TEST POINT		P810	C-2		
		P811	B-4		
		P812	F-2		
		P813	C-4		
TP3301	D-3	P814	C-4	INTEGRATED CIRCUIT	
TP3302	E-3	P815	D-3	IC3301	C-3
TP3303	C-4	P816	D-4	IC3302	D-3
TP3304	C-4	P817	E-4	IC3303	D-3
TP3305	C-4	P818	A-1	IC4501	B-1
TP3306	D-3	P819	B-2	IC4502	B-1
TP3307	D-4	P820	A-3	IC4503	B-2
TP3309	D-3			IC4504	B-3
TP3310	D-3			IC4505	B-3
TP3312	D-3			IC4506	B-3
TP3313	E-3			IC4507	A-1
TP3314	E-3			IC4508	B-2
TP4501	B-1			IC4509	A-2
TP4502	B-3			IC4510	A-3
TP4505	B-2			IC4511	B-3
TP4506	A-2			IC4512	A-3
TP4507	A-2			IC6901	F-2
TP4508	A-3			IC6902	F-2
TP6901	F-2			IC6903	F-3
TP6902	F-2			IC6905	E-2
TP6903	E-2				
TP6904	E-2				
TP6905	E-3			CONNECTOR	
TP6906	F-2			P801	E-3
TP6907	F-2				
TPG3301	D-3				
TPG3302	E-2				
TPG4501	A-3				
TPG4502	A-2				
TPG6901	E-2				



TC & OPERATE P.C.BOARD(VEP86111B) FOR NTSC MODEL (VEP86111A) FOR PAL MODEL

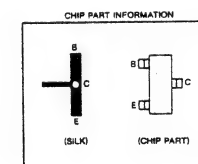


REVERSE SIDE JACK 2 P.C.BOARD

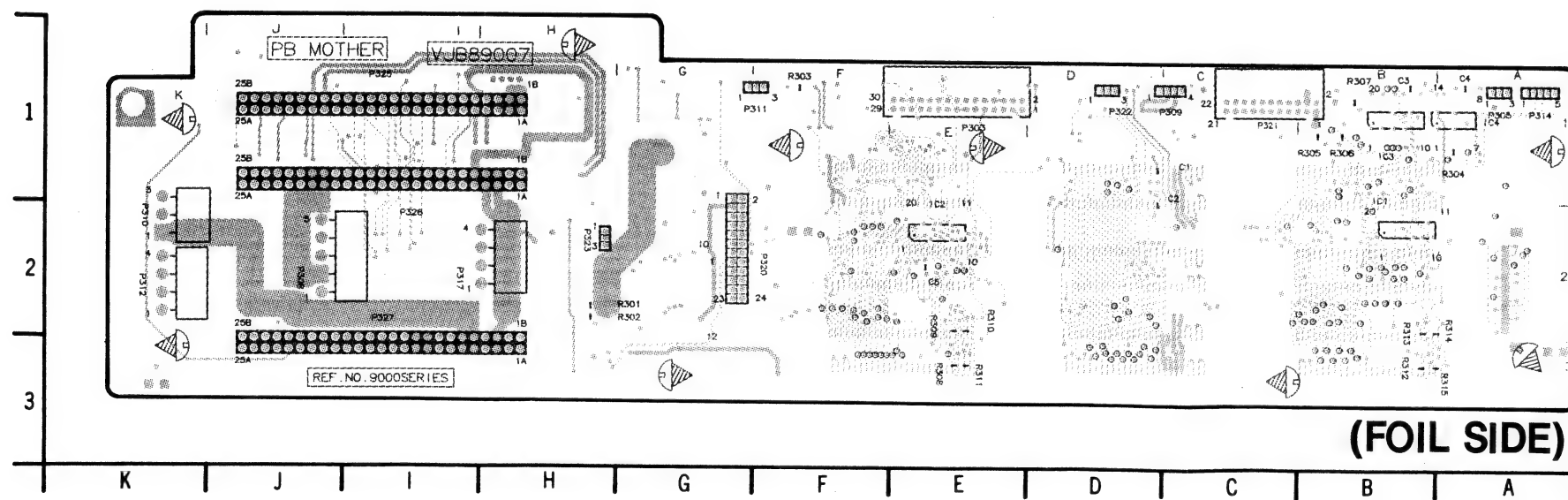
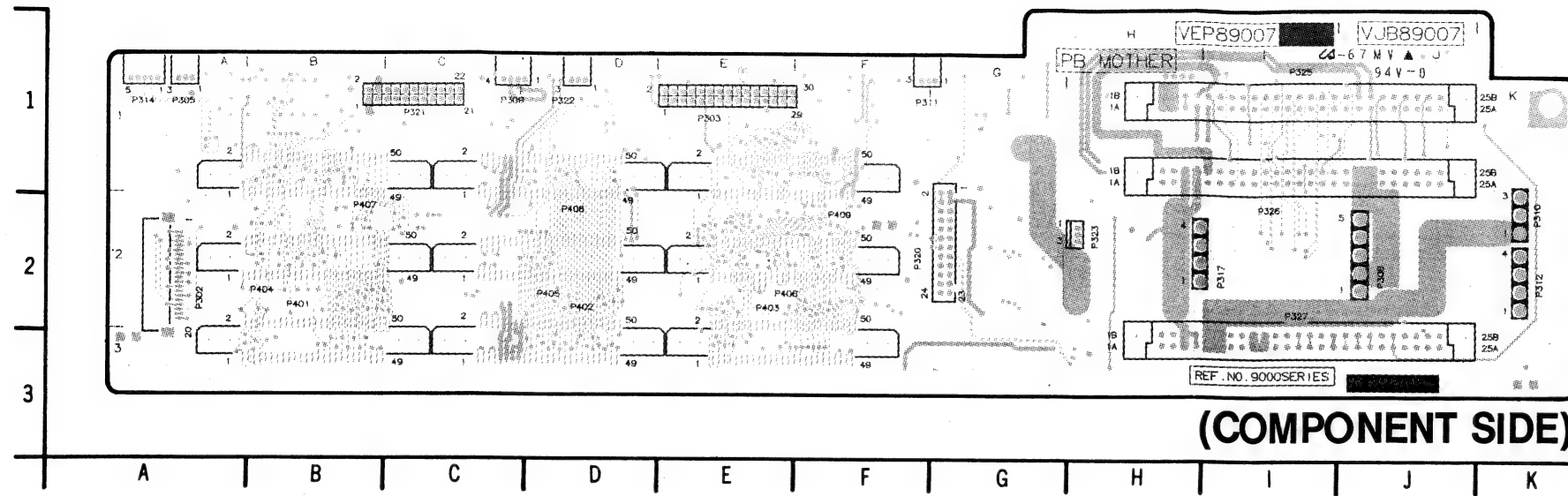


TC & OPERATE P.C. BOARD

COMPONENT SIDE				FOIL SIDE									
TRANSISTOR		INTEGRATED CIRCUIT		TRANSISTOR		INTEGRATED CIRCUIT		TEST POINT				CONNECTOR	
Q6560	I-2	IC6550	H-2	Q6550	A-1	IC6550	H-2	TP6550	H-2	TP6612	E-2	P6601	D-4
Q6561	I-2	IC6606	F-2	Q6551	B-1	IC6551	D-2	TP6551	H-2	TP6614	C-3	P6602	C-4
Q6569	I-2	IC6607	E-2	Q6552	B-1	IC6601	F-1	TP6552	H-2	TP6615	C-3	P6603	B-4
Q6601	F-1	IC6608	F-2	Q6553	D-1	IC6603	C-2	TP6553	G-2	TP6616	G-1	P6605	G-1
Q6603	F-1	IC6609	E-2	Q6554	C-1	IC6604	E-3	TP6554	G-2	TP6617	A-1	P6606	D-2
Q6606	G-2	IC6611	G-2	Q6655	C-1	IC6605	C-2	TP6601	G-1	TP6619	A-2	P6607	G-2
		IC6612	C-3	Q6656	D-1	IC6610	F-3	TP6602	F-2	TP6620	A-1	P6611	E-1
		IC6613	G-1	Q6657	D-2	IC6627	B-2	TP6603	E-2	TP6621	A-3	P6613	E-1
		IC6614	F-1	Q6658	D-3	IC6628	A-1	TP6604	G-1	TP6622	B-3		
		IC6616	E-2	Q6602	C-3	IC6629	B-1	TP6605	F-3	TP6623	B-3		
		IC6617	G-2			IC6630	B-2	TP6606	F-2	TP6624	C-3		
		IC6621	F-3			IC6632	B-3	TP6007	C-3	TP6625	B-3		
		IC6622	E-2			IC6633	G-2	TP6008	F-1				
		IC6623	E-2					TP6009	E-3				
		IC6624	E-2					TP6610	C-3				
		IC6625	E-2					TP6611	E-2				



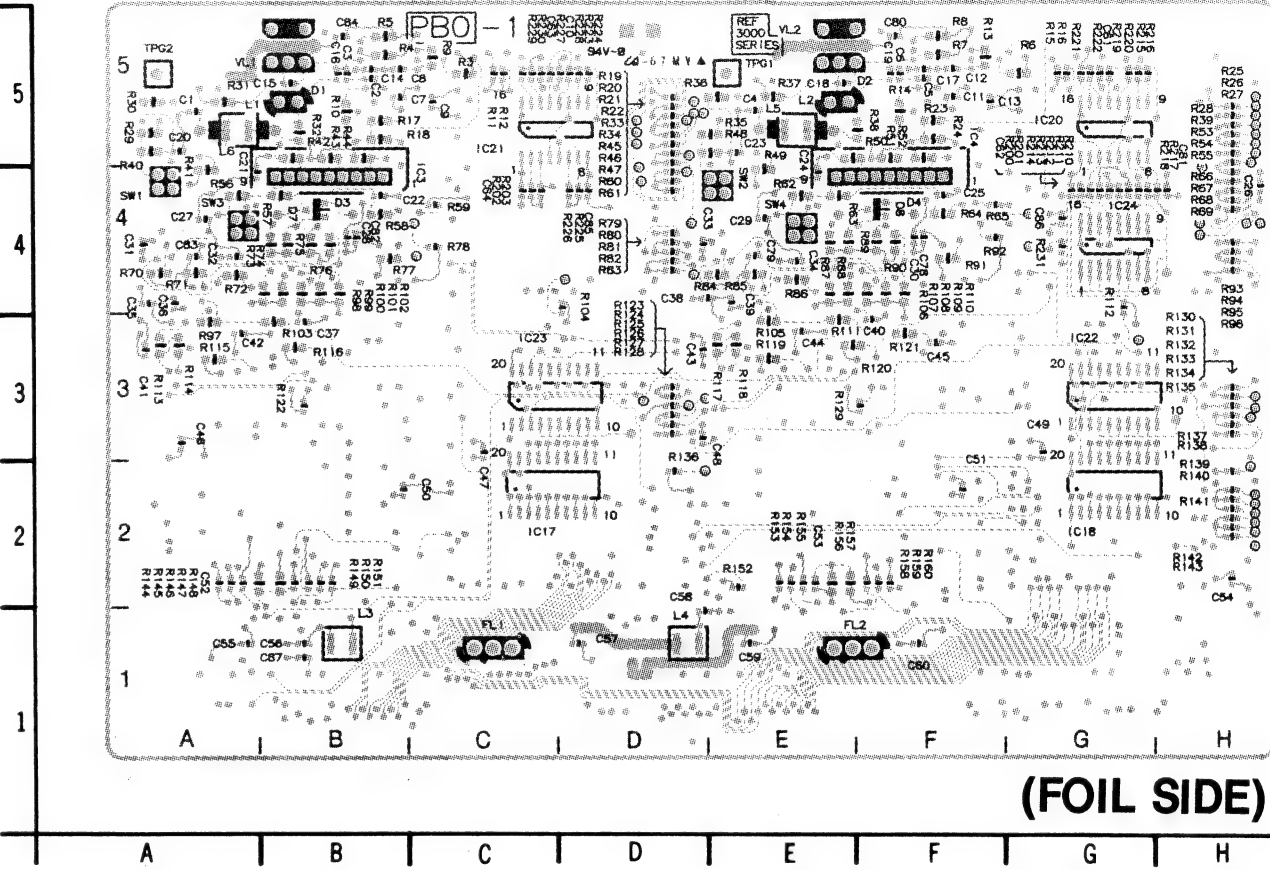
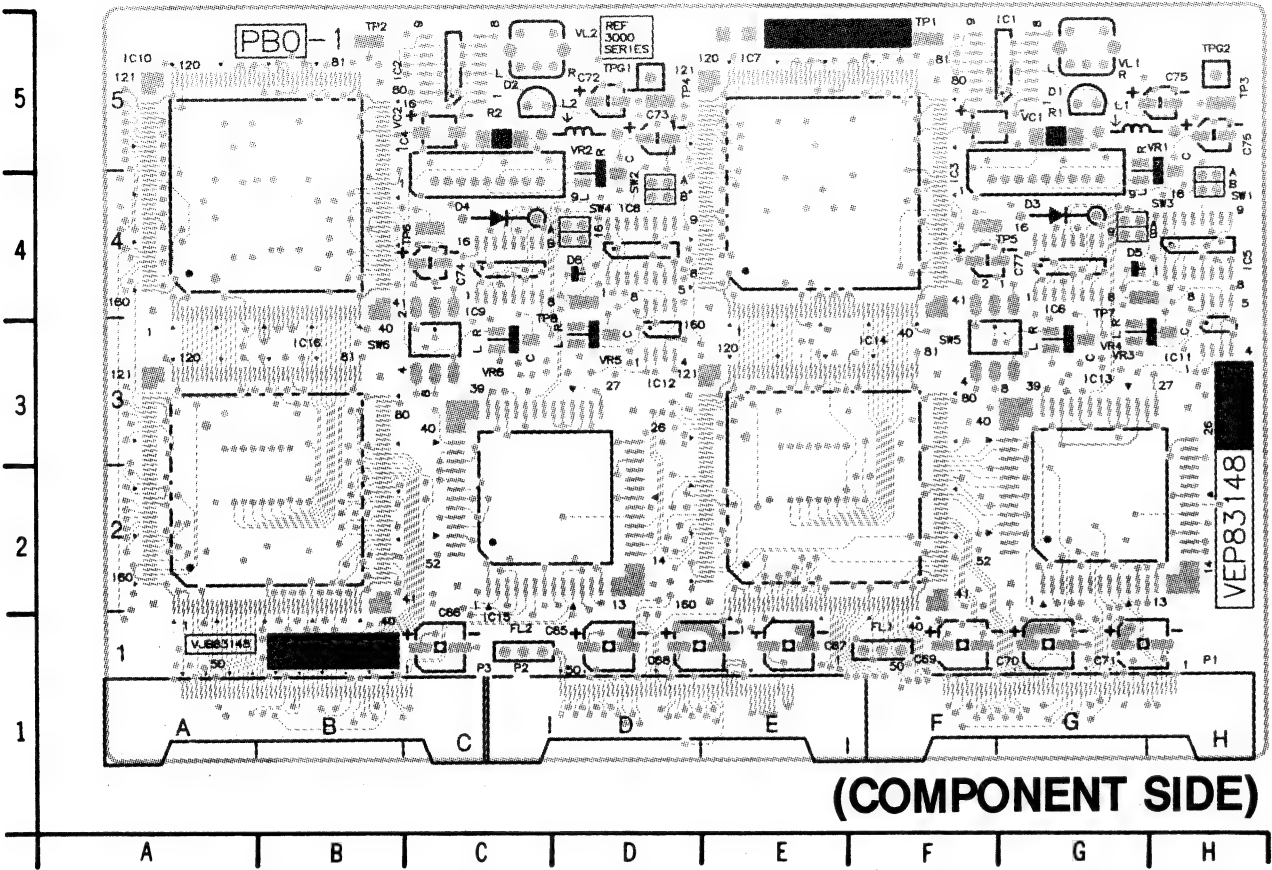
PB & POWER'S MOTHER P.C.BOARD(VEP89007A)



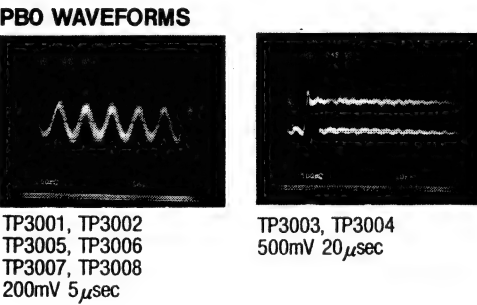
PB MOTHER P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
CONNECTOR		INTEGRATED CIRCUIT	
P9302	A-2	IC9001	B-2
P9305	A-1	IC9002	E-2
P9309	C-1	IC9003	B-1
P9311	F-1	IC9004	A-1
P9314	A-1		
P9320	G-2		
P9322	D-1	CONNECTOR	
P9323	H-2	P9303	E-1
P9325	I-1	P9308	J-2
P9326	I-1	P9310	K-2
P9327	I-3	P9312	K-2
P9401	B-3	P9317	H-2
P9402	D-3	P9321	C-1
P9403	E-3		
P9404	B-2		
P9405	D-2		
P9406	E-2		
P9407	B-1		
P9408	D-1		
P9409	E-1		

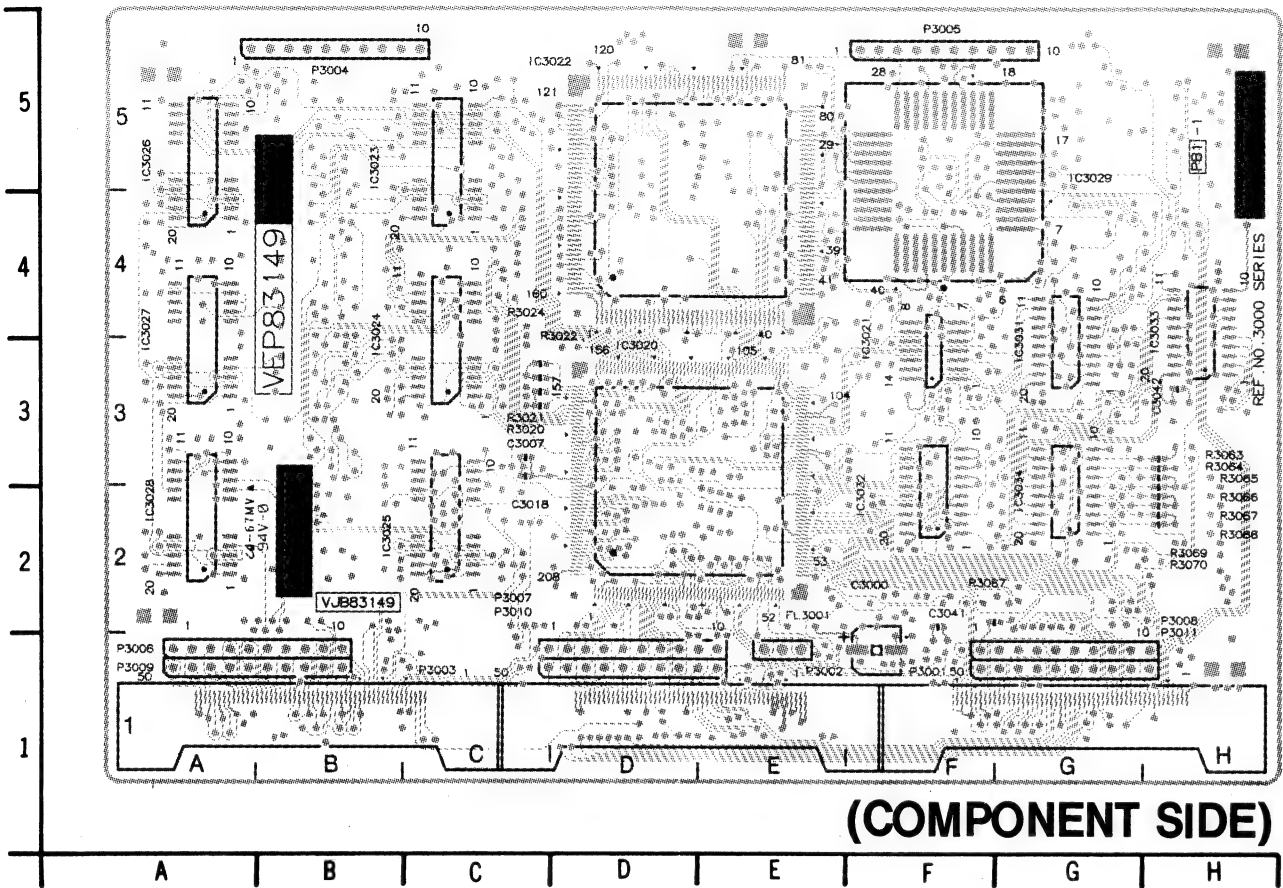
PB0 P.C.BOARD(VEP83148D) FOR NTSC MODEL
(VEP83148C) FOR PAL MODEL



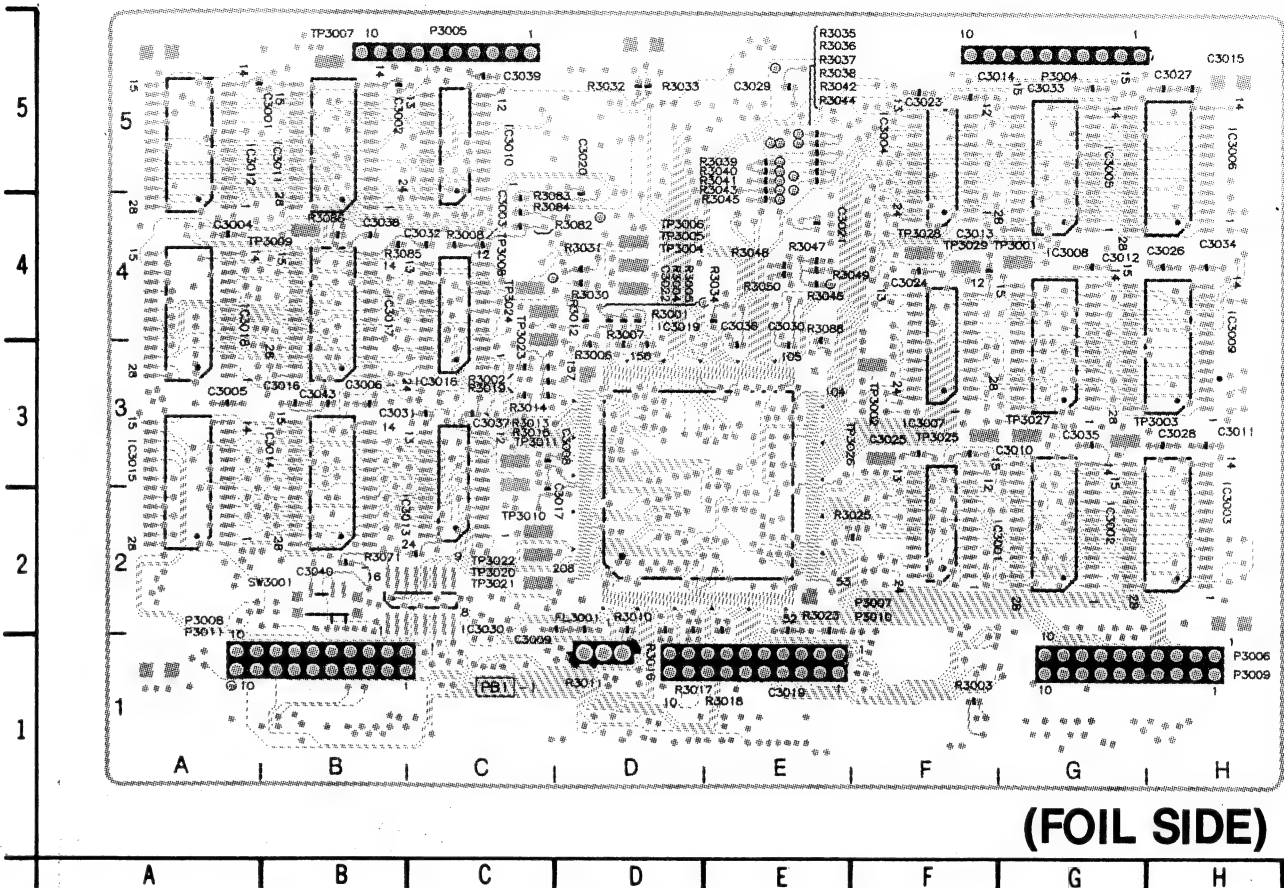
PB0 P.C. BOARD					
COMPONENT SIDE				FOIL SIDE	
INTEGRATED CIRCUIT		TEST POINT		INTEGRATED CIRCUIT	
IC3001	G-5	TP3006	C-4	IC3017	C-2
IC3002	C-5	TP3007	G-4	IC3018	G-2
IC3003	G-4	TP3008	D-4	IC3020	G-5
IC3004	C-4	TPG3001	D-5	IC3021	C-5
IC3005	H-4	TPG3002	H-5	IC3022	G-3
IC3006	G-4	ADJUSTMENT		IC3023	C-3
IC3007	E-5			IC3024	G-4
IC3008	D-4				
IC3009	C-4				
IC3010	A-5				
IC3011	H-3				
IC3012	D-3				
IC3013	G-2	VR3001	H-4		
IC3014	E-2	VR3002	D-4		
IC3015	C-2	VR3003	G-3		
IC3016	B-2	VR3004	G-3		
		VR3005	D-3		
		VR3006	C-3		
		VC3002	G-5		
		VC3002	C-5		
TEST POINT		CONNECTOR			
TP3001	F-5	P3001	G-1		
TP3002	B-5	P3002	D-1		
TP3003	H-5	P3003	B-1		
TP3004	D-5				
TP3005	G-4				



PB1 P.C.BOARD(VEP83149B)



(COMPONENT SIDE)

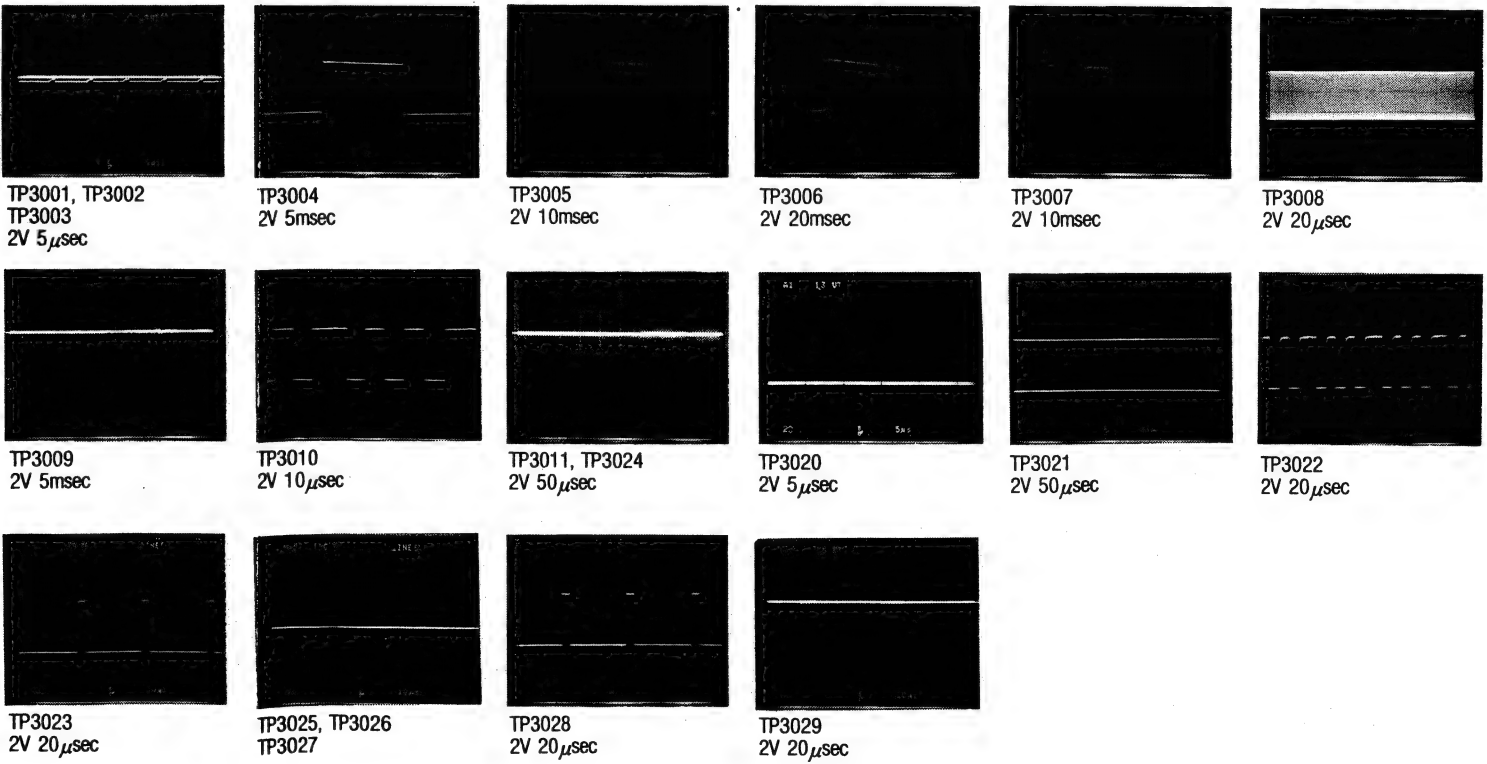


(FOIL SIDE)

PB1 P.C. BOARD

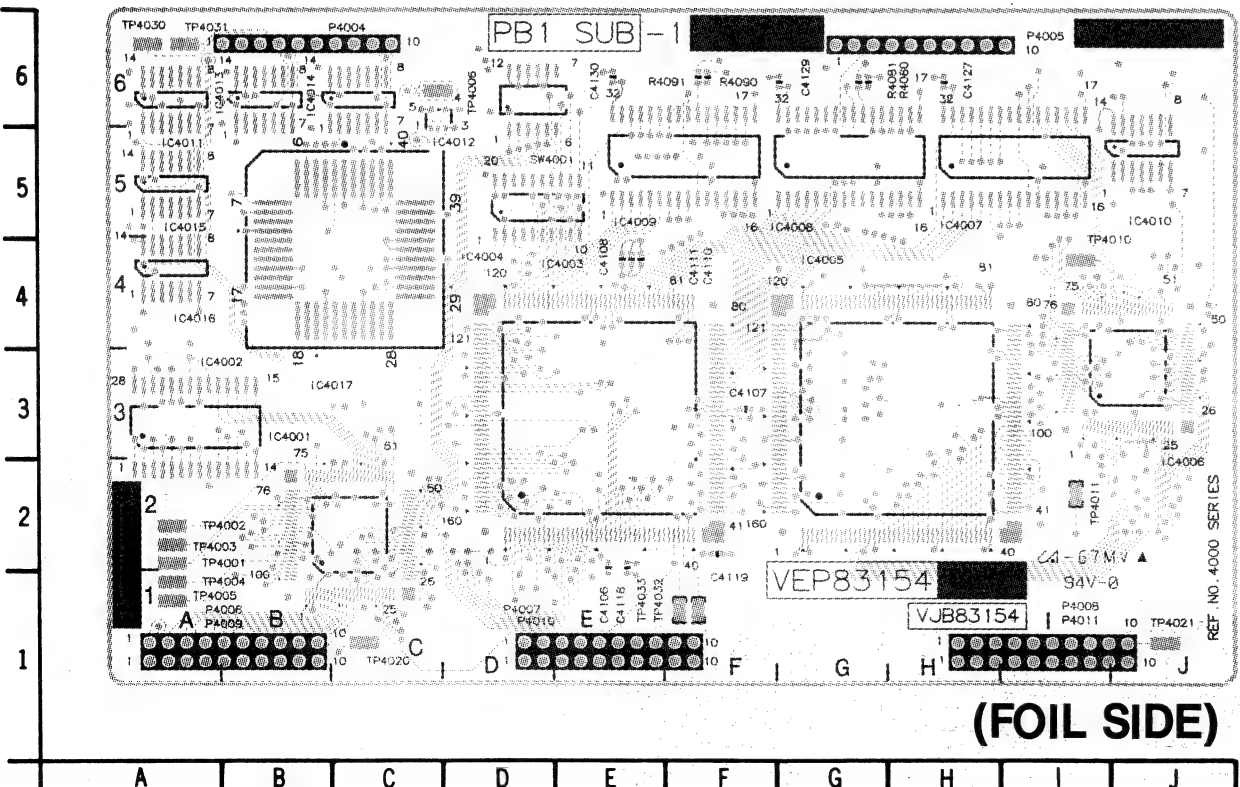
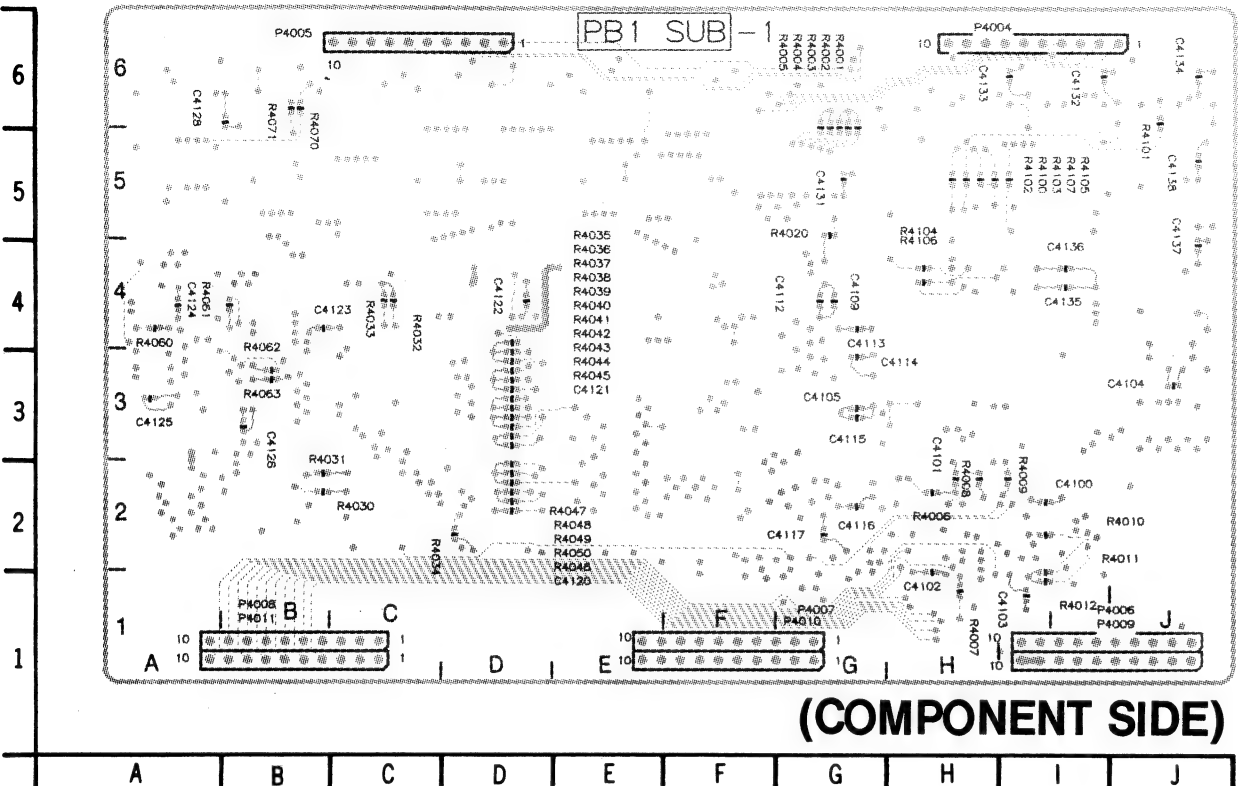
COMPONENT SIDE		FOIL SIDE	
INTEGRATED CIRCUIT		INTEGRATED CIRCUIT	
IC3020	D-3	IC3001	F-2
IC3021	F-3	IC3002	G-2
IC3022	D-5	IC3003	H-2
IC3023	C-5	IC3004	F-5
IC3024	C-3	IC3005	G-5
IC3025	C-2	IC3006	H-5
IC3026	A-5	IC3007	F-3
IC3027	A-3	IC3008	G-4
IC3028	A-2	IC3009	H-4
IC3029	F-5	IC3010	C-5
IC3031	G-3	IC3011	B-5
IC3032	F-2	IC3012	A-5
IC3033	H-3	IC3013	C-2
IC3034	G-2	IC3014	B-3
CONNECTOR		IC3015	A-3
		IC3016	C-4
		IC3017	B-4
		IC3018	A-4
P3001	G-1	IC3019	D-3
P3002	E-1	IC3030	C-2
P3003	B-1	TEST POINT	
P3004	B-5		
P3005	F-5	TP3001	G-4
P3006	A-1	TP3002	F-3
P3007	D-1	TP3003	G-3
P3008	G-1	TP3004	D-4
P3009	A-1	TP3005	D-4
P3010	D-1		
P3011	G-1		

PB1 WAVEFORMS



REVERSE SIDE PBO P.C.BOARD

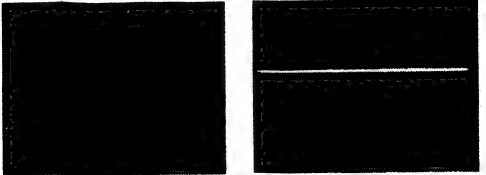
PB1 SUB P.C.BOARD(VEP83154B)



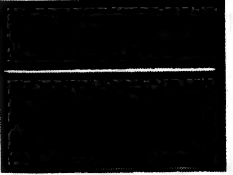
PB1 SUB1 P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
CONNECTOR		INTEGRATED CIRCUIT	
P4004	I-6	IC4001	C-2
P4005	C-6	IC4002	A-3
P4006	I-1	IC4003	E-3
P4007	F-1	IC4004	D-5
P4008	B-1	IC4005	G-3
P4009	I-1	IC4006	J-3
P4010	F-1	IC4007	H-5
P4011	B-1	IC4008	G-5
		IC4009	F-5
		IC4010	J-5
		IC4011	A-6
		IC4012	D-6
		IC4013	B-6
		IC4014	C-6
		IC4015	A-5
		IC4016	A-4
		IC4017	C-4
TEST POINT			
		TP4001	A-2
		TP4002	A-2
		TP4003	A-2
		TP4004	A-1
		TP4005	A-1
		TP4006	C-6
		TP4010	I-4
		TP4011	I-2
		TP4020	C-1
		TP4021	J-1
		TP4030	A-6
		TP4031	A-6
		TP4032	F-1
		TP4033	F-1

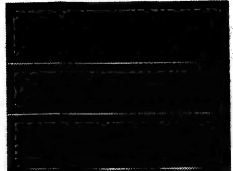
PB1 SUB WAVEFORMS



TP4001
200mV 5msec



TP4002, TP4003
200V 5msec



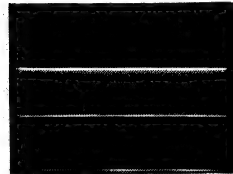
TP4001
200mV 5msec



TP4002, TP4003
200V 5msec



TP4004, TP4005
200mV 20μsec



TP4006
200mV 5μsec



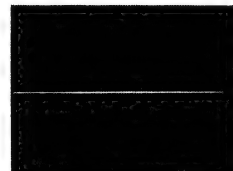
TP4010
200mV 20μsec



TP4011
200mV 10μsec

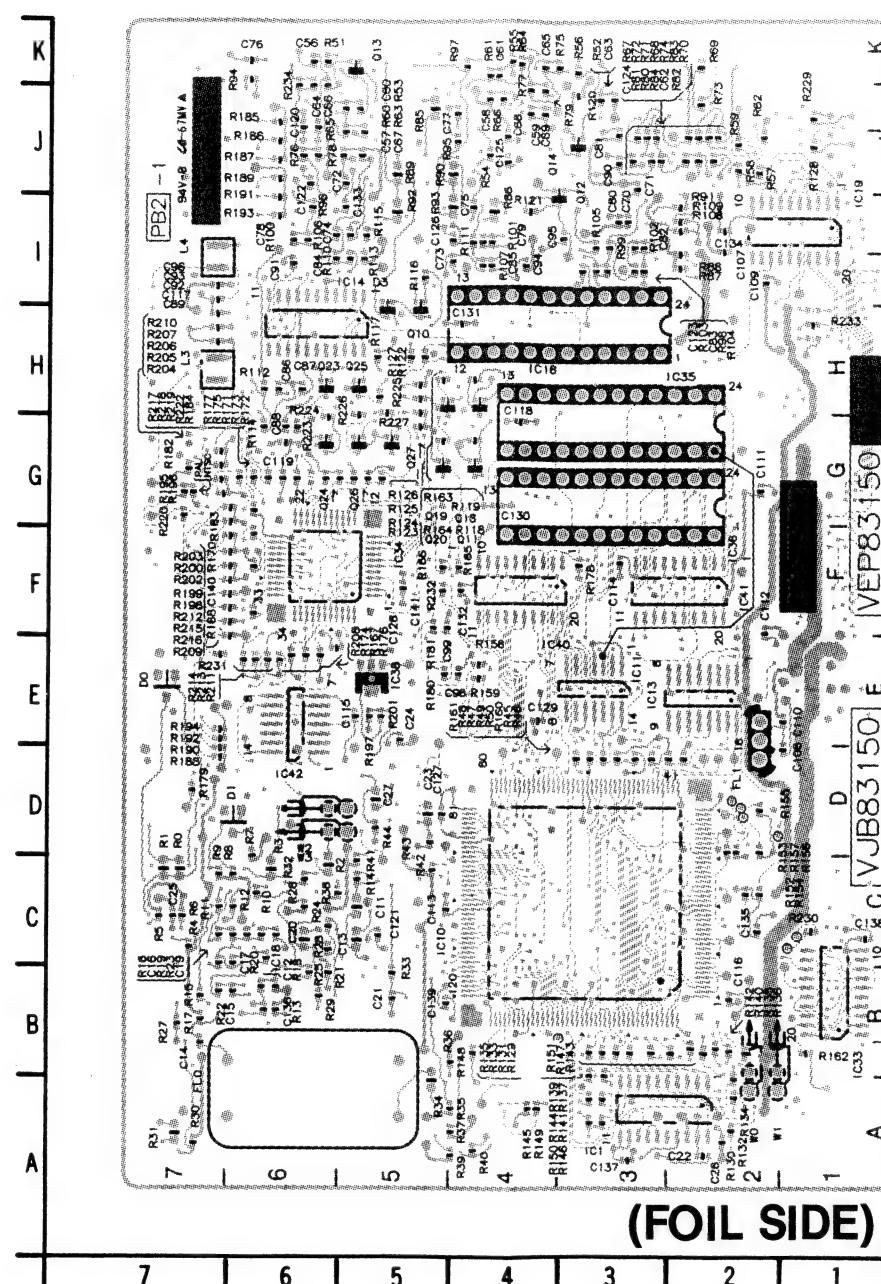
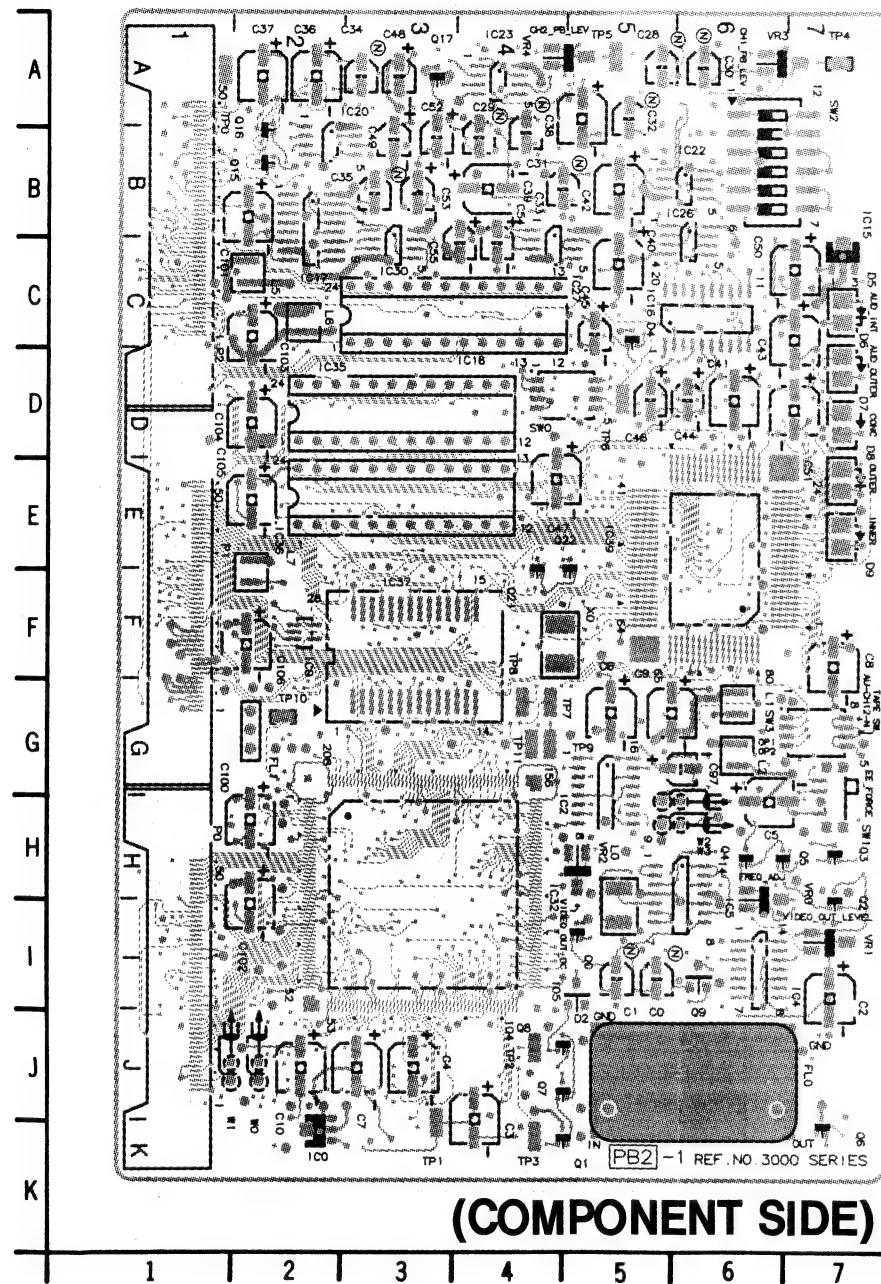


TP4030, TP4031
200mV 5μsec



TP4032, TP4033
100mV 20μsec

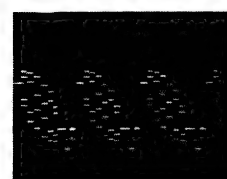
**PB2 P.C.BOARD(VEP83150D) FOR NTSC MODEL
(VEP83150C) FOR PAL MODEL**



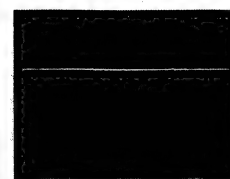
PB2 P. C. BOARD

COMPONENT SIDE				FOIL SIDE	
TRANSISTOR		TP3007	G-4	TRANSISTOR	
Q3000	I-5	TP3008	G-4	Q3010	H-5
Q3001	K-5	TP3009	G-4	Q3011	G-4
Q3002	H-7	TP3010	G-2	Q3012	I-4
Q3003	H-7	TP3011	G-4	Q3013	K-5
Q3004	H-6			Q3014	J-3
Q3005	H-7			Q3018	H-4
Q3006	K-7	ADJUSTMENT		Q3019	H-5
Q3007	J-5	VR3000	H-6	Q3020	G-5
Q3008	J-5	VR3001	I-7	Q3023	H-6
Q3009	I-6	VR3002	H-5	Q3024	G-6
Q3015	B-2	VR3003	A-6	Q3025	H-5
Q3016	B-2	VR3004	A-4	Q3026	G-5
Q3017	A-3			Q3027	G-5
Q3021	F-4				
Q3022	E-5	CONNECTOR			
		P3000	I-1	INTEGRATED CIRCUIT	
		P3001	F-1	IC3001	A-3
INTEGRATED CIRCUIT		P3002	C-1	IC3010	C-3
IC3000	K-2			IC3011	E-3
IC3002	H-5			IC3013	E-2
IC3004	I-6			IC3014	H-6
IC3005	I-6			IC3018	H-4
IC3009	F-2			IC3019	I-1
IC3015	C-7			IC3033	B-1
IC3016	C-6			IC3034	F-6
IC3017	C-2			IC3035	G-3
IC3018	C-4			IC3036	G-3
IC3020	B-2			IC3038	E-5
IC3022	B-6			IC3040	F-4
IC3023	A-4			IC3041	F-2
IC3026	C-6			IC3042	E-6
IC3027	C-4				
IC3030	C-3				
IC3032	I-3				
IC3035	D-3				
IC3036	E-3				
IC3037	F-3				
IC3039	E-6				
TEST POINT					
TP3000	A-1				
TP3001	K-3				
TP3002	J-4				
TP3003	K-4				
TP3004	A-7				
TP3005	A-5				
TP3006	D-5				

PB2 WAVEFORMS

TP3001
50mV 1

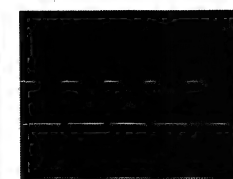
TP3001
50mV 20 μ sec



TP3002
200mV 10 μ sec



TP3004, TP3005
20mV 200 μ sec



TP3006
200mV 5 μ sec



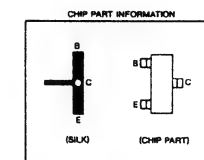
TP3007, TP3008
TP3009
200mV 20 μ sec



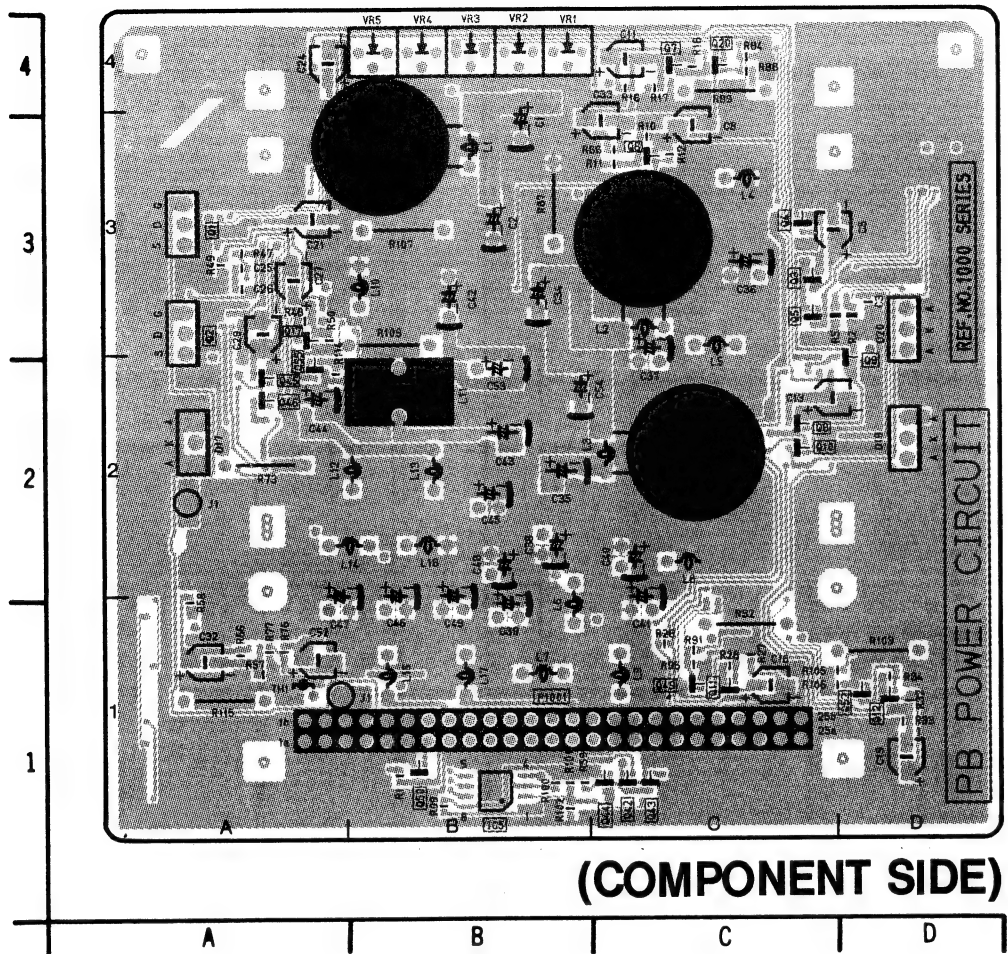
TP3010
200mV 50 μ sec



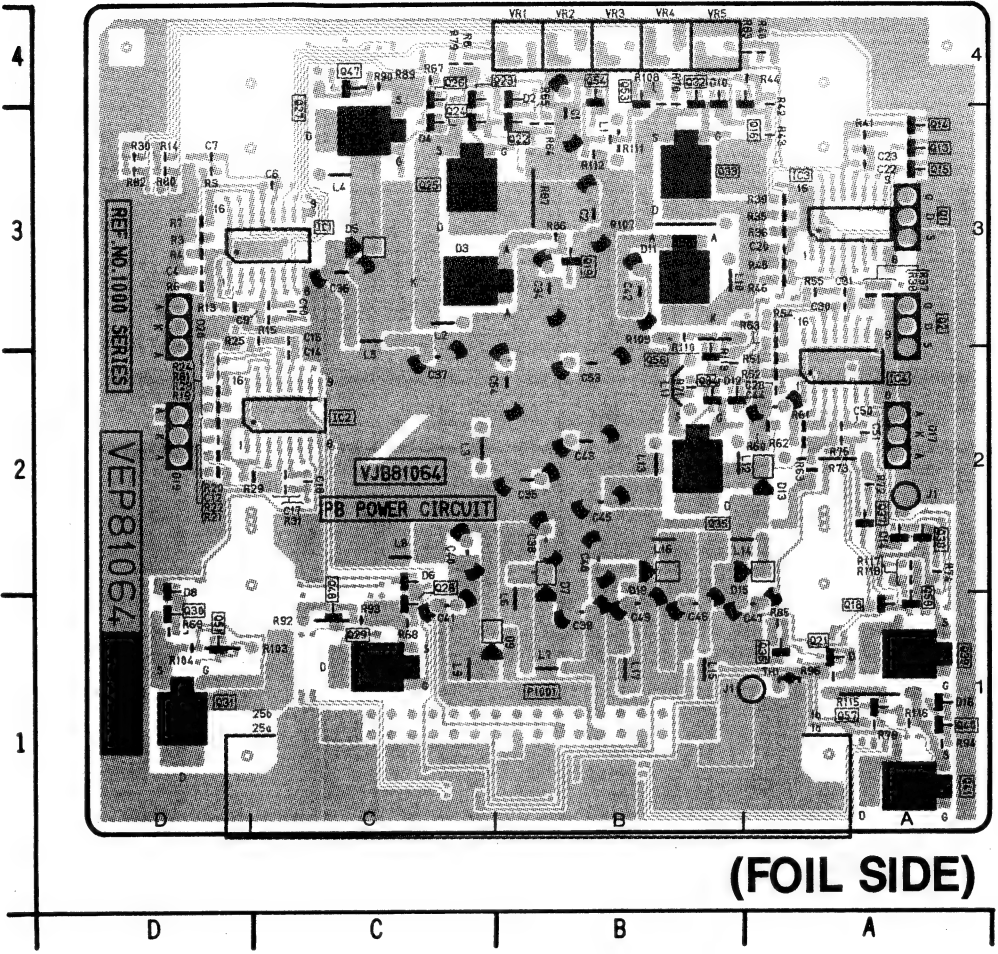
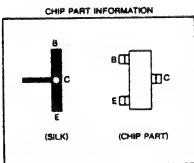
TP3011
200mV 50 μ sec



PB POWER P.C.BOARD(VEP81064A)



(COMPONENT SIDE)

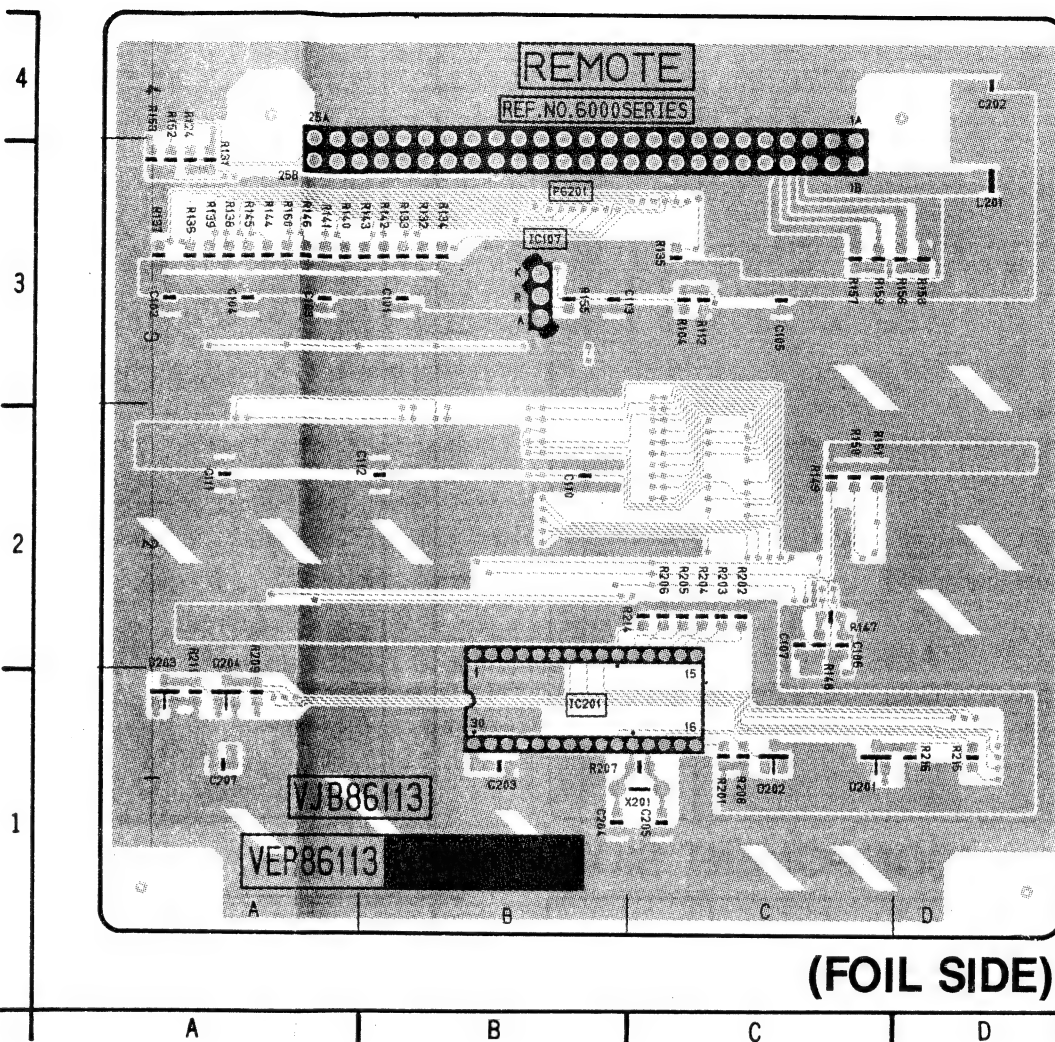
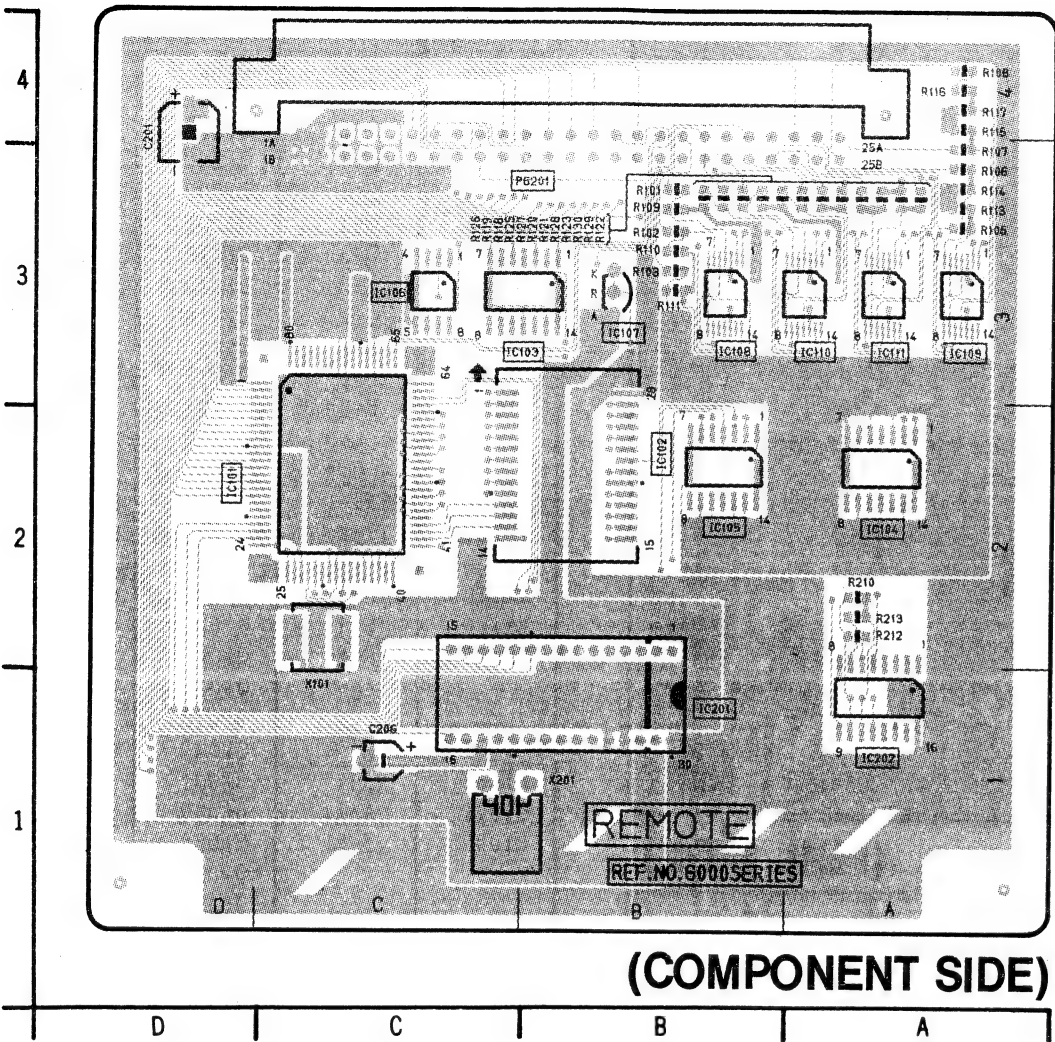


(FOIL SIDE)

POWER P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q1003	H-2	Q1001	B-1
Q1005	H-1	Q1002	B-1
Q1008	G-2	Q1004	D-2
Q1010	G-1	Q1006	D-2
Q1013	F-1	Q1007	D-1
Q1015	F-1	Q1009	E-1
Q1030	D-3	Q1011	E-2
Q1034	C-3	Q1012	E-1
Q1038	C-2	Q1014	F-1
Q1040	C-2	Q1016	F-2
Q1045	E-1	Q1017	F-1
Q1046	E-1	Q1018	G-1
ADJUSTMENT		Q1019	C-2
		Q1020	I-2
		Q1021	H-1
		Q1022	C-3
		Q1023	C-3
CONNECTOR		Q1024	C-3
		Q1025	C-3
		Q1026	E-3
		Q1027	E-3
		Q1028	F-3
P1001	J-1	Q1029	F-2
P1002	A-1	Q1031	G-2
P1003	J-2	Q1032	G-3
		Q1033	G-3
		Q1035	H-3
		Q1036	G-1
		Q1037	H-1
		Q1039	I-2
		Q1041	I-2
		Q1042	B-2
		Q1043	B-2
		Q1044	H-2
		Q1047	I-3
		Q1048	D-3
		Q1049	D-2
INTEGRATED CIRCUIT			
		IC1001	C-1
		IC1002	D-1
		IC1003	F-1
		IC1004	G-1

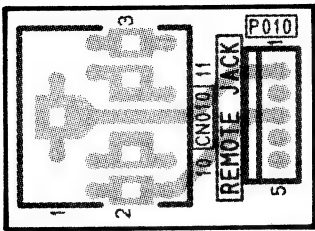
REMOTE P.C.BOARD(VEP86113A)



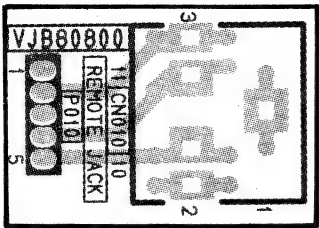
REMOTE
P. C. BOARD

COMPONENT SIDE	
INTEGRATED CIRCUIT	
IC6101	C-2
IC6102	B-2
IC6103	C-3
IC6104	A-2
IC6105	B-2
IC6106	C-3
IC6107	B-3
IC6108	B-3
IC6109	A-3
IC6110	A-3
IC6111	A-3
IC6201	B-1
IC6202	A-1
CONNECTOR	
P6201	B-4

REMOTE JACK P.C.BOARD(VEP80800A)

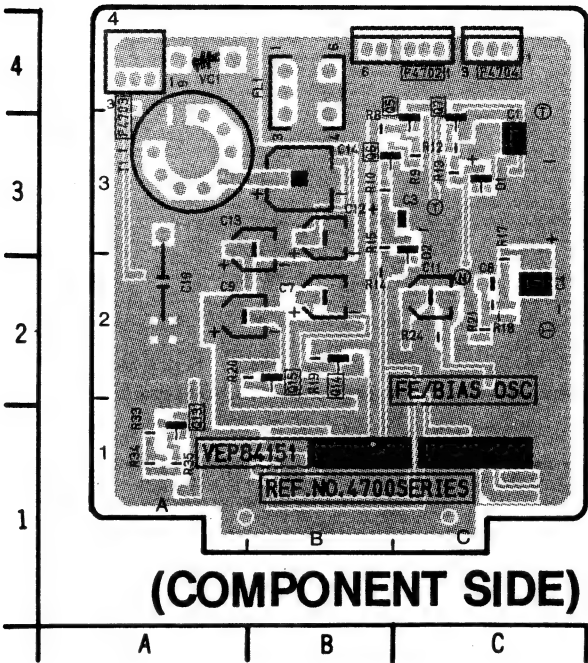


(COMPONENT SIDE)

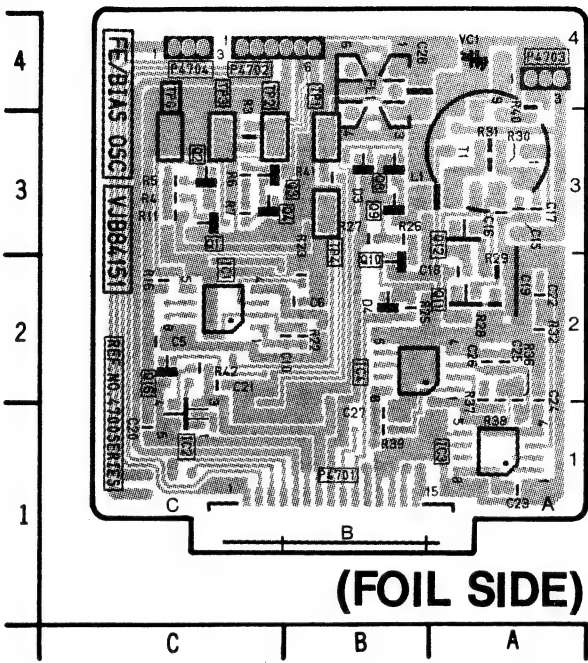


(FOIL SIDE)

FE/BIAS OSC P.C.BOARD(VEP84151A)

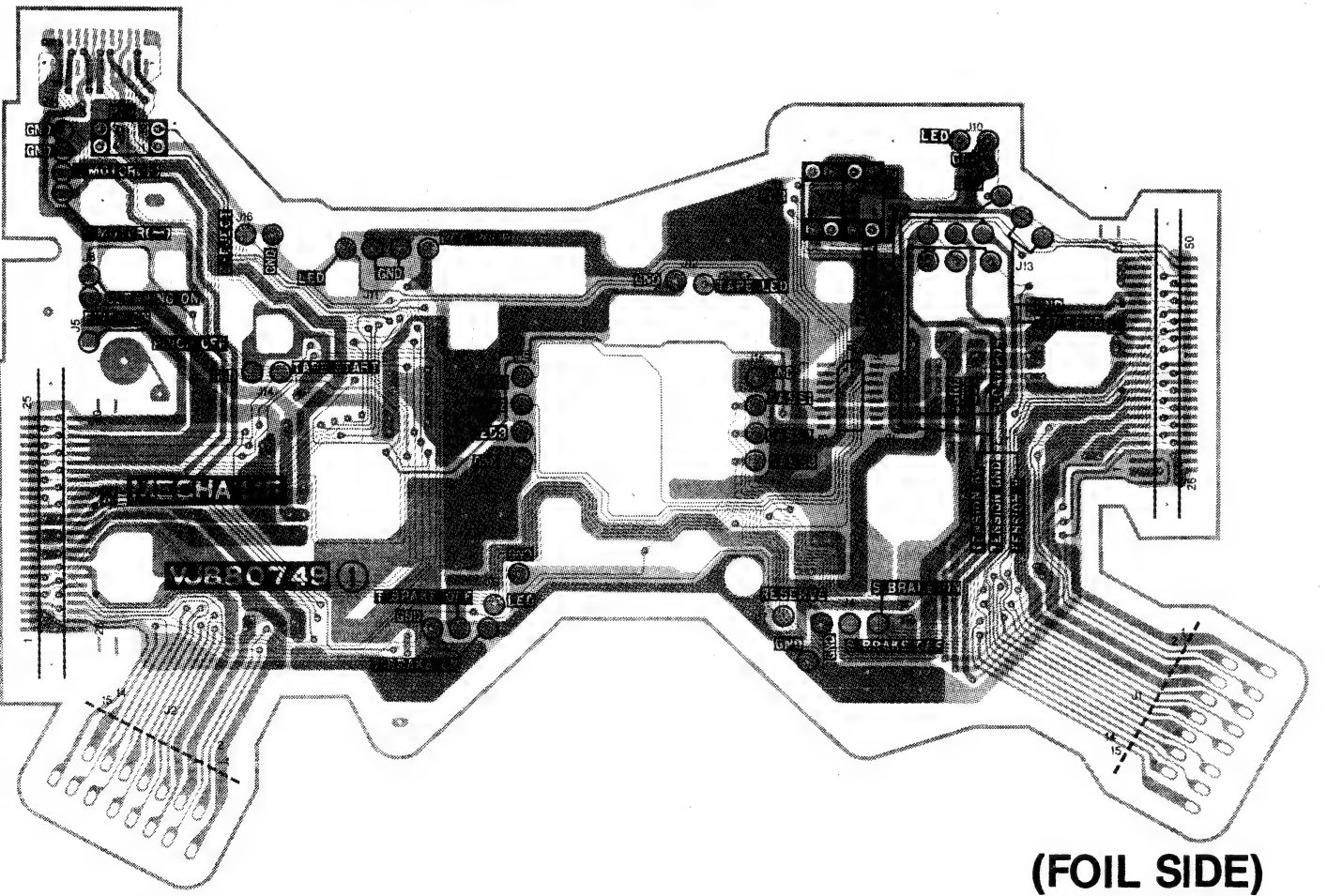


(COMPONENT SIDE)



(FOIL SIDE)

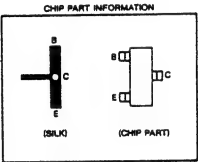
MECHA I/F P.C.BOARD(VEP80749A)



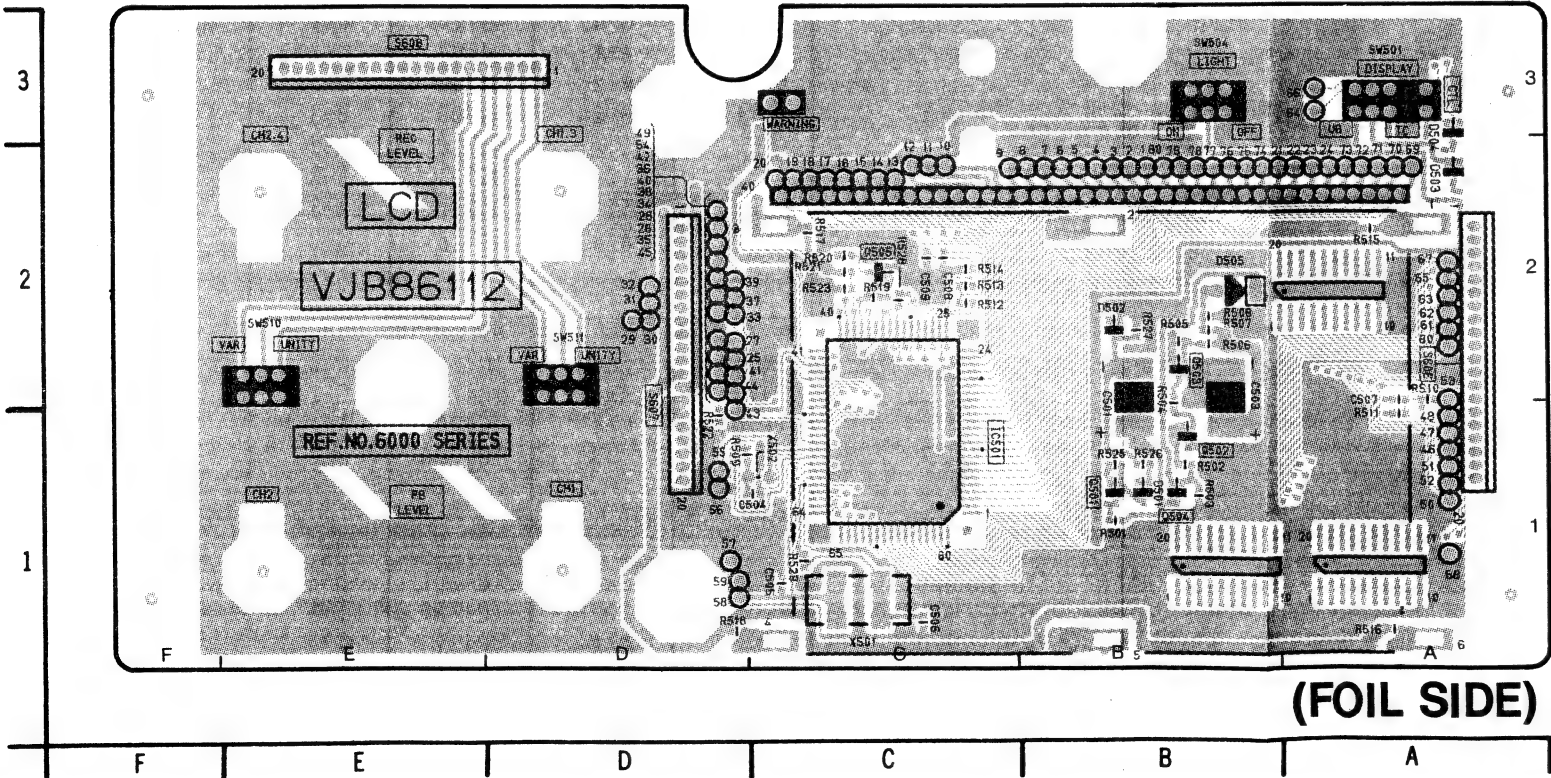
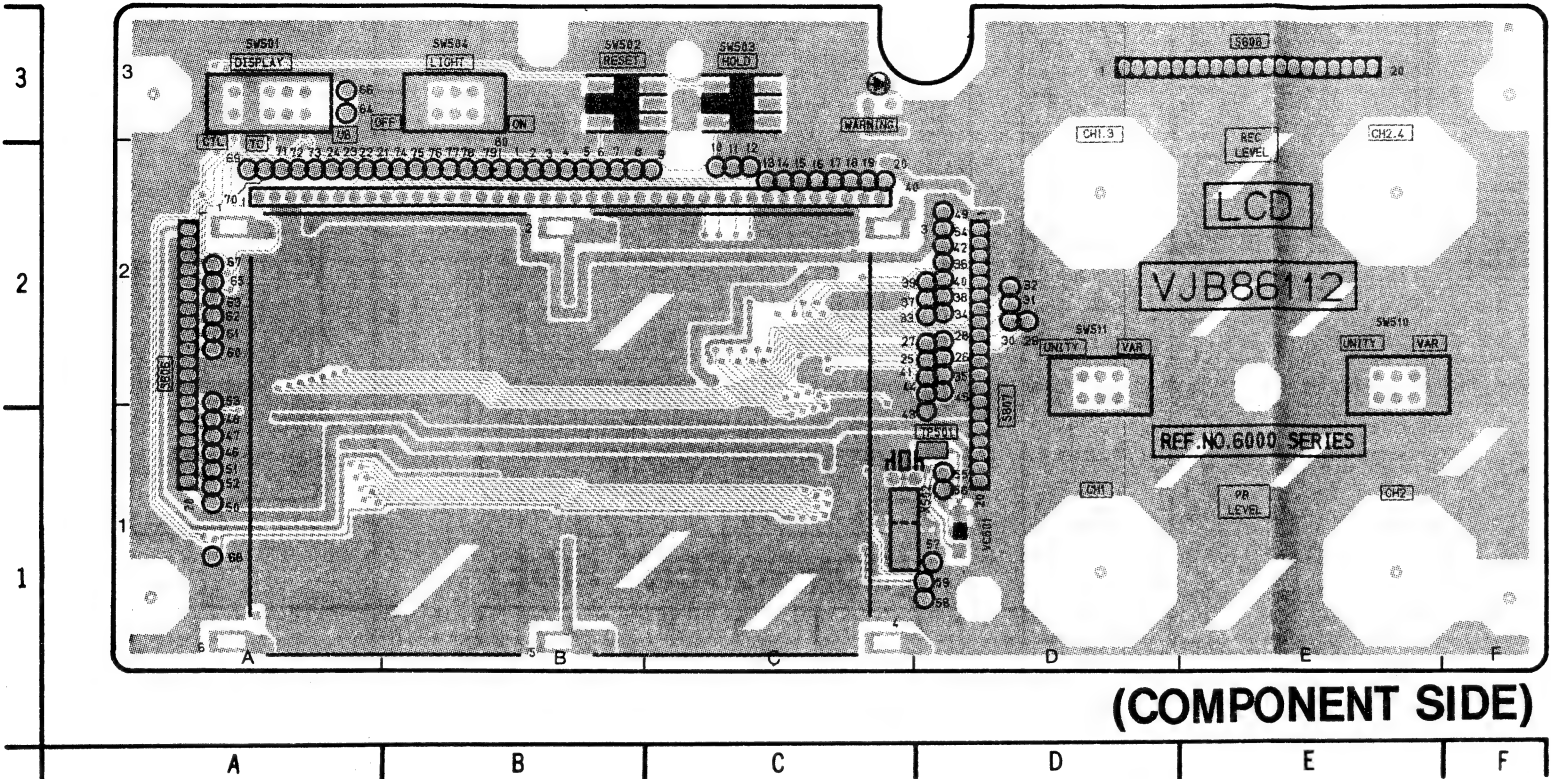
(FOIL SIDE)

FE/BIAS OSC P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
TRANSISTOR		TRANSISTOR	
Q4705	C-3	Q4701	C-3
Q4706	B-3	Q4702	C-3
Q4707	C-3	Q4703	C-3
Q4713	A-1	Q4704	C-3
Q4714	B-2	Q4708	B-3
Q4715	B-2	Q4709	B-3
ADJUSTMENT		Q4710	B-2
		Q4711	A-2
VC4701		Q4712	A-3
		Q4716	C-2
CONNECTOR		INTEGRATED CIRCUIT	
P4702	C-4	IC4701	C-2
P4703	A-4	IC4702	C-1
P4704	C-4	IC4703	A-1
		IC4704	B-2
		TEST POINT	
		TP4701	B-3
		TP4702	C-3
		TP4703	C-3
		TP4704	B-3
		CONNECTOR	
		P4701	B-1



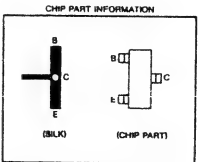
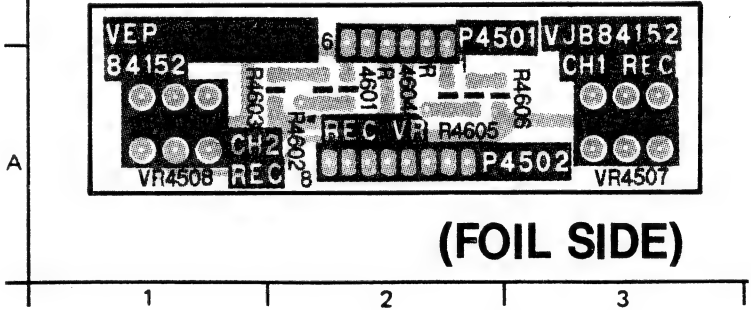
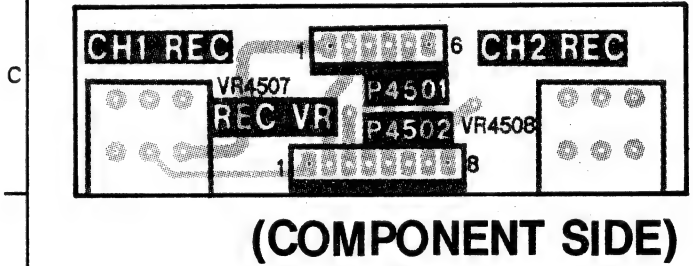
LCD P.C.BOARD(VEP86112A)



LCD P.C. BOARD

COMPONENT SIDE		FOIL SIDE	
TEST POINT		TRANSISTOR	
TP6501	D-1	Q6501	B-1
ADJUSTMENT	D-1	Q6502	B-1
		Q6503	B-2
		Q6504	B-1
VC6501	D-1	Q6505	C-2
CONNECTOR		INTEGRATED CIRCUIT	
S6606	A-2	IC6501	C-1
S6607	D-2		
S6608	E-3		

REC VR P.C.BOARD(VEP84152A)



CONTENTS

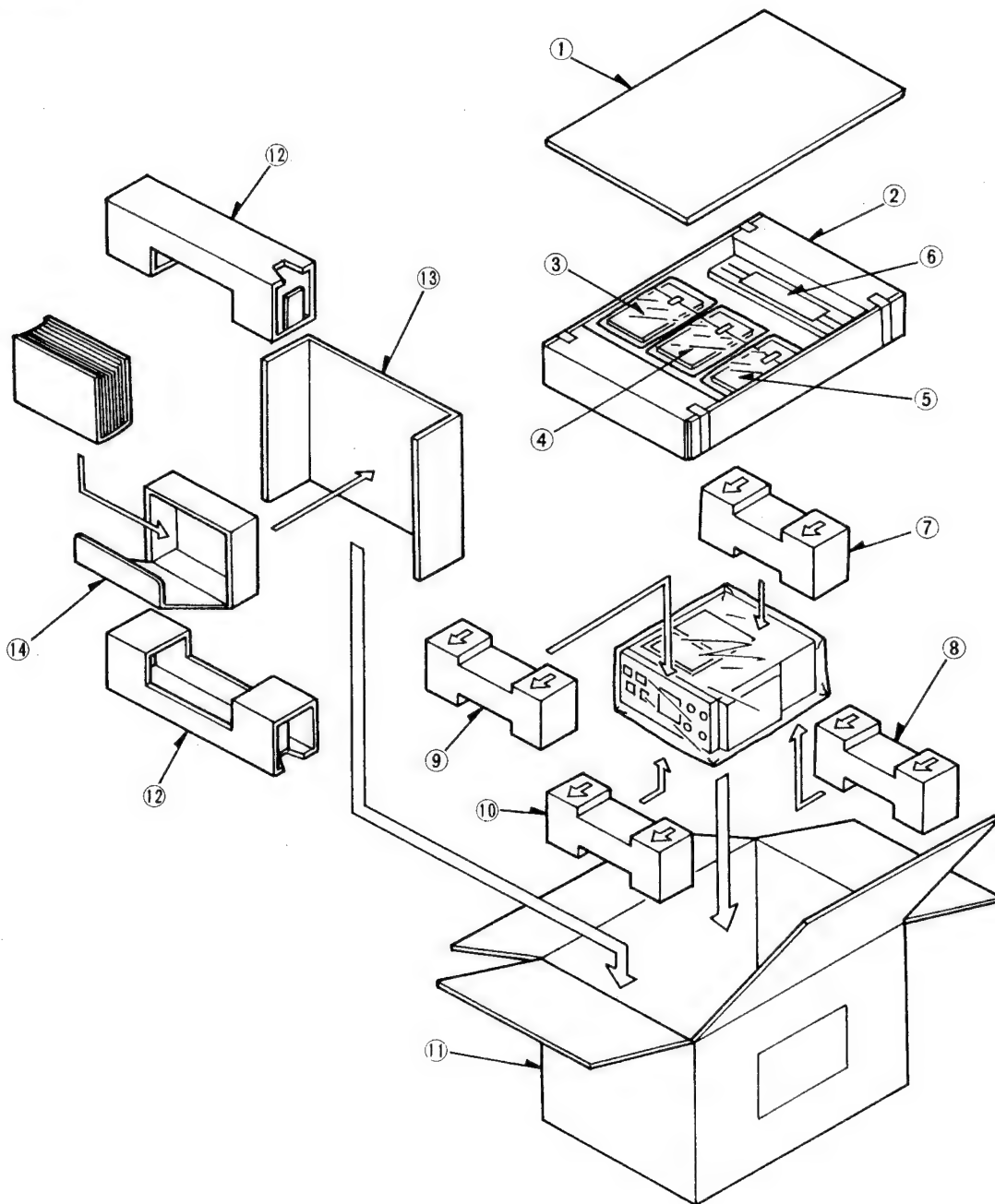
EXPLODED VIEWS & PARTS LIST

PACKING	PARTS-1
MECHICAL MECHANICAL CHASSIS ASSEMBLY (1)	PARTS-2
MECHICAL MECHANICAL CHASSIS ASSEMBLY (2)	PARTS-4
MECHICAL MECHANICAL CHASSIS ASSEMBLY (3)	PARTS-6
CASSETTE COMPARTMENT ASSEMBLY	PARTS-8
FRAME ASSEMBLY (1)	PARTS-10
FRAME ASSEMBLY (2)	PARTS-12
FRAME ASSEMBLY (3)	PARTS-14
DRUM ASSEMBLY	PARTS-16
ELECTRICAL PARTS LIST (NTSC)	PARTS-17
REC MOTHER P.C.BOARD (VEP89006A)	PARTS-18
VIDEO A/D PLL P.C.BOARD (VEP83152B)	PARTS-19
VIDEO A/D PLL SUB1 P.C.BOARD (VEP83181B)	PARTS-19
VIDEO A/D PLL SUB2 P.C.BOARD (VEP80745B)	PARTS-19
VIDEO NON STD P.C.BOARD (VEP83153B)	PARTS-21
SERIAL I/F V P.C.BOARD (VEP83158A)	PARTS-22
VIDEO REC MEMORY P.C.BOARD (VEP83133D)	PARTS-23
VIDEO P/S BUFFER P.C.BOARD (VEP83134D)	PARTS-24
EQUALIZER P.C.BOARD (VEP83145D)	PARTS-26
EQUALIZER SUB1 P.C.BOARD (VEP83176A)	PARTS-26
EQUALIZER SUB2 P.C.BOARD (VEP83177A)	PARTS-26
AUDIO REC P.C.BOARD (VEP84128B)	PARTS-28
AUDIO A/D P.C.BOARD (VEP84129B)	PARTS-29
SYSTEM CONTROL P.C.BOARD (VEP86122A)	PARTS-31
SERVO 1 P.C.BOARD (VEP82072B)	PARTS-33
SERVO 2 P.C.BOARD (VEP82073B)	PARTS-35
REC POWER P.C.BOARD (VEP81063A)	PARTS-37
JACK 1 P.C.BOARD (VEP80722B)	PARTS-39
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TC & OPERATE P.C.BOARD (VEP86111B)	PARTS-43
PB & POWER'S MOTHER P.C.BOARD (VEP89007A)	PARTS-44
PB0 P.C.BOARD (VEP83148D)	PARTS-45
PB1 P.C.BOARD (VEP83149B)	PARTS-47
PB1 SUB P.C.BOARD (VEP83154B)	PARTS-47
PB2 P.C.BOARD (VEP83150D)	PARTS-48
PB POWER P.C.BOARD (VEP81064A)	PARTS-50
REMOTE P.C.BOARD (VEP86113A)	PARTS-52
REMOTE JACK P.C.BOARD (VEP80800A)	PARTS-52
FE/BIAS OSC P.C.BOARD (VEP84151A)	PARTS-52
MECHA I/F P.C.BOARD (VEP80749A)	PARTS-53
LCD P.C.BOARD (VEP86112A)	PARTS-54
REC VR P.C.BOARD (VEP84152A)	PARTS-54
PB VR P.C.BOARD (VEP84153A)	PARTS-55
DC INPUT SW P.C.BOARD (VEP80750B)	PARTS-55
HEAD PHONE JACK P.C.BOARD (VEP80388A)	PARTS-55

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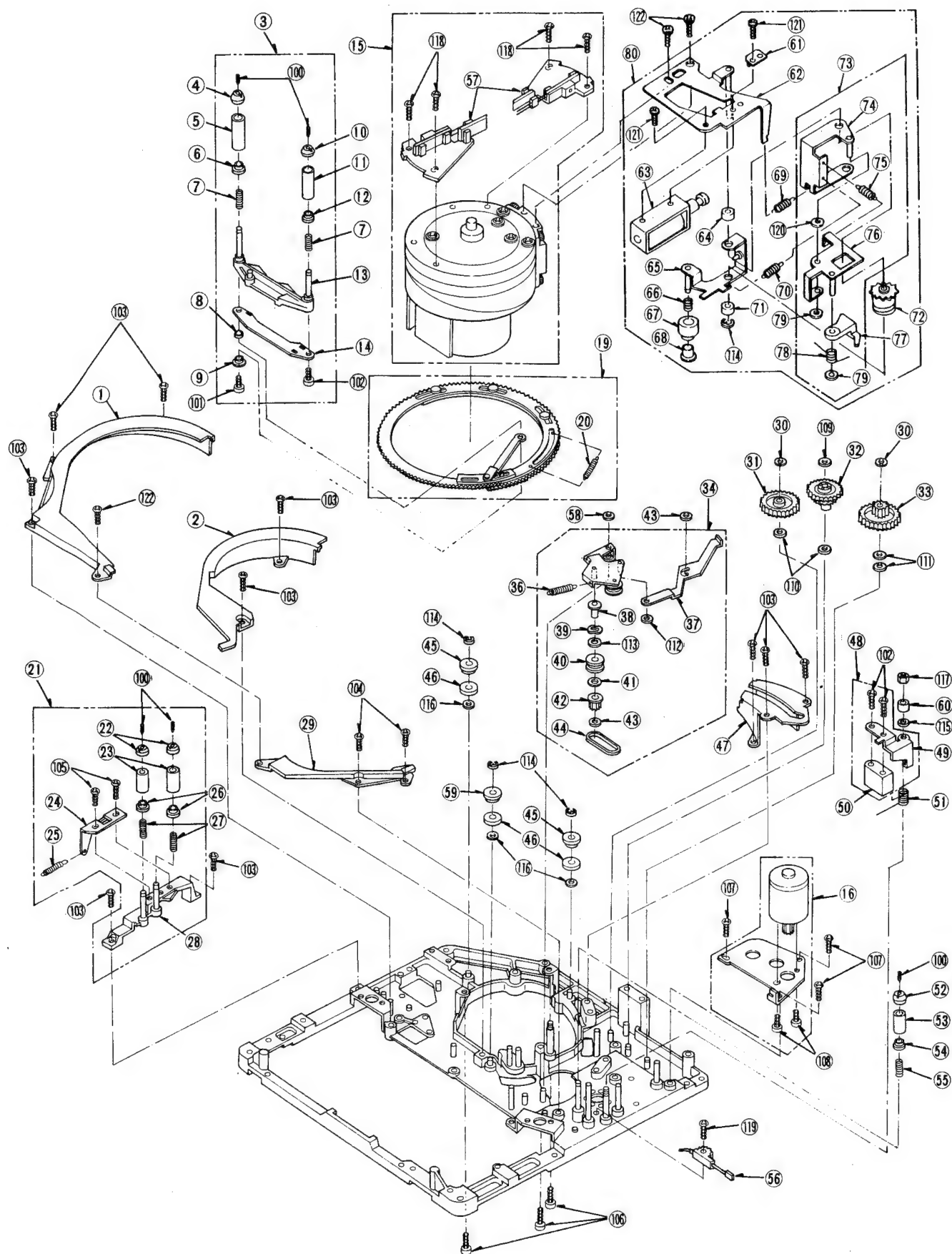
ELECTRICAL PARTS LIST (PAL)	PARTS-56
REC MOTHER P.C.BOARD (VEP89006A)	PARTS-57
VIDEO A/D PLL P.C.BOARD (VEP83152A)	PARTS-58
VIDEO A/D PLL SUB1 P.C.BOARD (VEP83181A)	PARTS-58
VIDEO A/D PLL SUB2 P.C.BOARD (VEP80745B)	PARTS-58
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SERIAL I/F V P.C.BOARD (VEP83158A)	PARTS-61
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TC & OPERATE P.C.BOARD (VEP86111A)	PARTS-82
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PB1 SUB P.C.BOARD (VEP83154B)	PARTS-86
PB2 P.C.BOARD (VEP83150C)	PARTS-87
PB POWER P.C.BOARD (VEP81064A)	PARTS-89
REMOTE P.C.BOARD (VEP86113A)	PARTS-91
REMOTE JACK P.C.BOARD (VEP80800A)	PARTS-91
FE/BIAS OSC P.C.BOARD (VEP84151A)	PARTS-91
MECHA I/F P.C.BOARD (VEP80749A)	PARTS-92
LCD P.C.BOARD (VEP86112A)	PARTS-93
REC VR P.C.BOARD (VEP84152A)	PARTS-93
PB VR P.C.BOARD (VEP84153A)	PARTS-94
DC INPUT SW P.C.BOARD (VEP80750B)	PARTS-94
HEAD PHONE JACK P.C.BOARD (VEP80388A)	PARTS-94

EXPLODED VIEWS & PARTS LIST PACKING



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VPN3583	ACCESSORY BOX PAD	1	
2	VPK1518	ACCESSORY BOX	1	
3	VFK0687	EXTENDER	1	
4	VFK0804	PB EXTENDER	1	
5	VFK0814	POWER EXTENDER	1	
6	VFC0604	SHOULDER BELT	1	
7	VPN3536	CUSHION (REAR/UPPER)	1	
8	VPN3537	CUSHION (REAR/LOWER)	1	
9	VPN3534	CUSHION (FRONT/UPPER)	1	
10	VPN3535	CUSHION (FRONT/LOWER)	1	
11	VPG6707	PACKING CASE	1	
12	VPN3582	FAN BACK PAD	2	
13	VPN3533	INSULATION	1	
14	VPG2858	ACCESSORY BOX (B)	1	

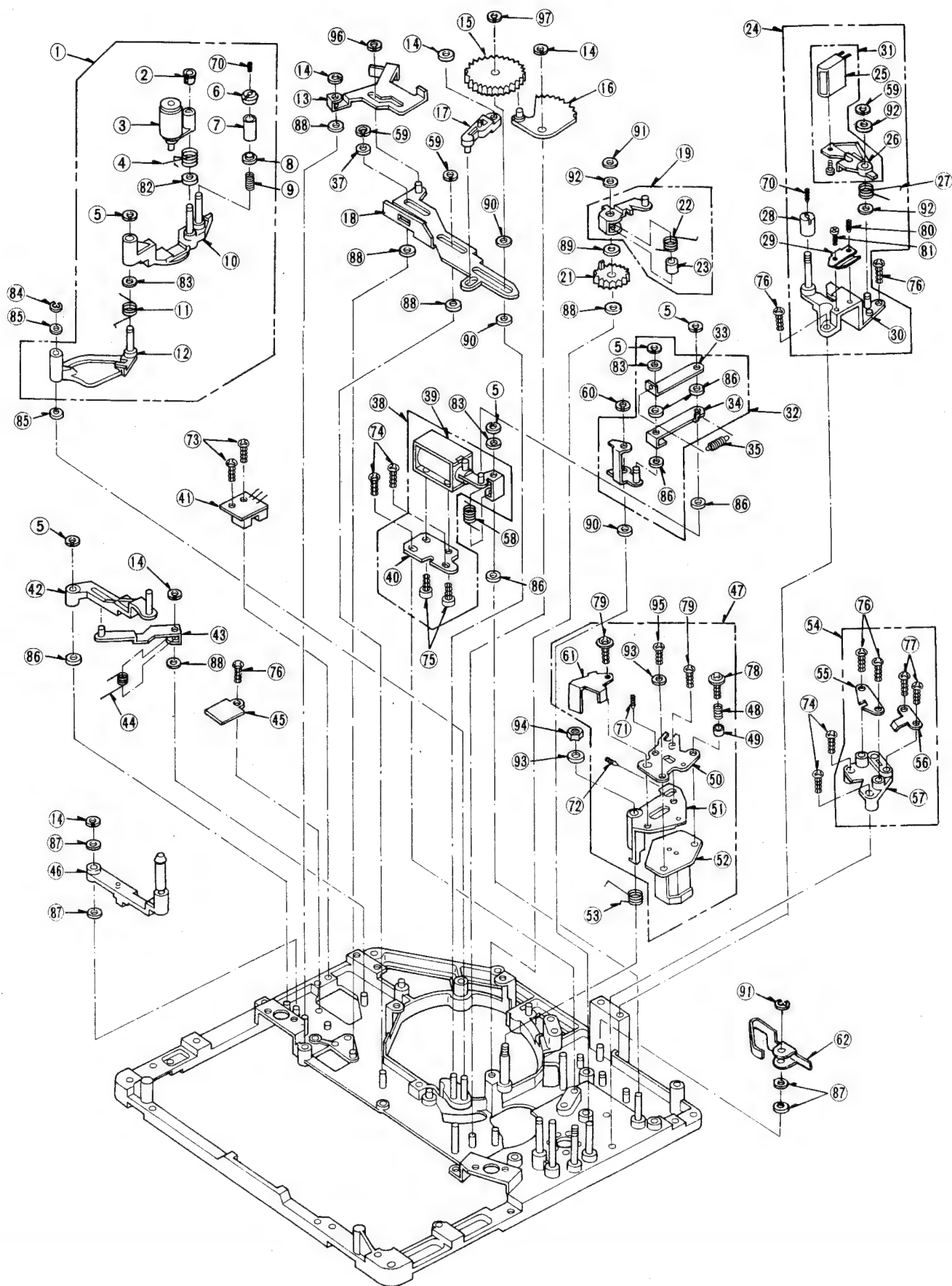
MECHANICAL CHASSIS ASSEMBLY (1)



MECHANICAL CHASSIS ASSEMBLY (1)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VMD1875	LOADING GUIDE (A)	1		79	VMD0967	CUT WASHER	2	
2	VMD1876	LOADING GUIDE (B)	1		80	VXA4849	CLEANER U	1	
3	VXA4589	P6 BOAT U	1						
4	VMS3705	P6 UPPER FLANGE	1						
5	VXP0937	P6 ROLLER (A)	1		100	XXE2C25FP	HEX-SCREW	5	
6	VMS3706	P6 LOWER FLANGE (B)	1		101	XQS2+A5	SCREW	1	
7	VMB1623	POST SPRING	2		102	XQN2+A2	SCREW	3	
8	VMD1317	COLLAR	1		103	XTV2+5F	SCREW	10	
9	VMD1139	COLLAR	1		104	XTV2+4F	SCREW	2	
10	VMS3704	P3 UPPER FLANGE (A)	1		105	XYNV2+K4	SCREW	2	
11	VXP0936	P3 ROLLER (A)	1		106	XYNV26+K8	SCREW	3	
12	VMS4571	P2 LOWER FLANGE	1		107	XTV26+5F	SCREW	3	
14	VMA0819	BOAT SLIDE PLATE	1		108	XYN2+C4	SCREW	2	
15	VEG1033	DRUM U (PAL)	1	AJ-D320-E	109	XWGV6D10G	WASHER	1	
15	VEG1034	DRUM U (NTSC)	1	AJ-D320-F	110	XWGV26Y5G	WASHER	2	
16	VEMD411	LOADING MOTOR U	1		111	XWGV26D5G	WASHER	2	
19	VXA4592	LOADING RING U	1		112	XUC15FP	E-RING	1	
20	VMB2400	RING CHARGE SPRING	1		113	XWGV429G	POLY WASHER	1	
21	VXA4621	POST MOUNT U	1		114	XUC25FP	E-RING	4	
22	VMS3704	P3 UPPER FLANGE (A)	2		115	XWG3	WASHER	1	
23	VXP0936	P3 ROLLER (A)	2		116	XWGV3Y6G	WASHER	3	
24	VMA8563	TENSION ADJ. PLATE	1		117	XNG3E	NUT	1	
25	VMB2575	TENSION ADJ. SPRING	1		118	XYN2+J6	SCREW	4	
26	VMS2801	P2 LOWER FLANGE	2		119	XTV2+5F	SCREW	1	
27	VMD1672	POST SPRING	2		120	XWGV2D4G	POLY WASHER	1	
29	VMD1877	T SIDE GUIDE	1		121	XYN2+C3	SCREW	2	
30	VMD1079	CUT WASHER	2		122	XTV26+5F	SCREW	1	
31	VDG0833	LOADING GEAR (D)	1						
32	VDG0832	LOADING GEAR (C)	1						
33	VDG0831	LOADING GEAR (B)	1						
34	VXA4593	E-EJECT U	1						
36	VMB2495	E-EJECT SPRING	1						
37	VMD0278	E-EJECT ROD	1						
38	VMD1956	E-EJECT CAP	1						
39	VMD0217	ADJ. SPRING	1						
40	VDP1413	E-EJECT PULLEY	1						
41	VMD0354	POLY WASHER	1						
42	VDG0836	E-EJECT GEAR	1						
43	VMD0967	CUT WASHER	2						
44	VDV0234	E-EJECT BELT	1						
45	VDP1445	RING ROLLER (C)	3						
46	VDP1446	RING ROLLER (D)	3						
47	VMD1870	LOADING GUIDE (C)	1						
48	VED0173	MR HEAD U	1						
49	VMA8573	MR HEAD MOUNT	1						
50	VBS0048	MR HEAD	1						
51	VMB2399	MR HEAD SPRING	1						
52	VMS3704	UPPER FLANGE	1						
53	VXP0936	POST ROLLER	1						
54	VMS2801	LOWER FLANGE	1						
55	VMD1672	POST SPRING	1						
56	VSH0026	LEAF SW	1						
57	VXS0108	BRUSH U	2						
58	VMD1061	CUT WASHER	1						
59	VDP1129	RING ROLLER (A)	1						
60	VDP0967	COLLAR	1						
61	VMD0885	PLATE SPRING	1						
62	VXA4850	CLEANER HOLDER U	1						
63	VJS0106	CLEANER SOL	1						
64	VMD2165	CLEANER SLEEVE	1						
65	VXL2257	CLEANER ARM B U	1						
66	VMD1677	P9 POST SPRING	1						
67	VXP1326	CLEANER ROLLER U	1						
68	VMD2150	CLEANER ROLLER HOLDER	1						
69	VMD2507	ARM RETURN SPRING	1						
70	VMD2509	ROLLER RETURN SPRING	1						
71	VMD1939	COLLAR A	1						
72	VDG0844	CLEANER CAM GEAR	1						
73	VXL2258	CLEANER ARM A U	1						
74	VXL2259	CLEANER ARM A 1 U	1						
75	VMD2508	ARM RETURN SPRING	1						
76	VXL2260	RATCHET ARM U	1						
77	VMD2619	CLEANER RATCHET	1						
78	VMD2506	RATCHET SPRING	1						

MECHANICAL CHASSIS ASSEMBLY (2)

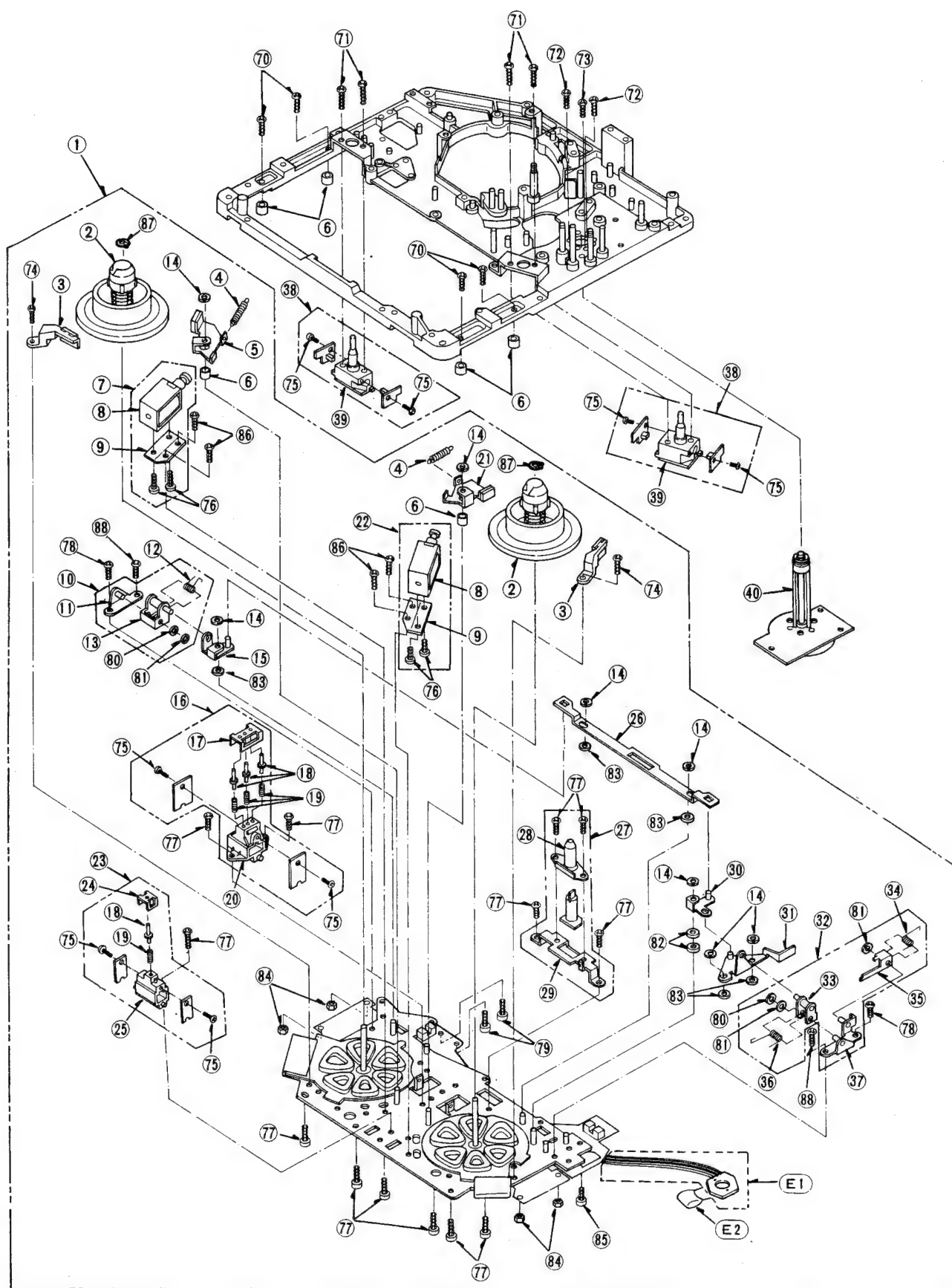


MECHANICAL CHASSIS ASSEMBLY (2)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXL2166	T. ARM U	1	
2	VMD2049	NYLON CAP	1	
3	VXL2168	PINCH ROLLER U	1	
4	VMB2404	PINCH ROLLER SPRING	6	
5	VMD1079	CUT WASHER	5	
6	VMS3704	UPPER FLANGE	1	
7	VXP0936	POST ROLLER	1	
8	VMS2801	LOWER FLANGE	1	
9	VMB1623	POST SPRING	1	
10	VXL2170	T. SUB ARM U	1	
11	VMB2403	SUB ARM SPRING	1	
12	VXL2169	T. MAIN ARM U	1	
13	VML2614	LOADING END DETECT PLATE	1	
14	VMD1061	CUT WASHER	5	
15	VDG0834	CAM GEAR	1	
16	VXA4594	T. RELAY GEAR	1	
17	VXL2172	ROD DRIVE LEVER	1	
18	VXMOO26	MAIN ROD U	1	
19	VXL2180	T. DRIVE ARM U	1	
21	VDG0843	DRIVE GEAR	1	
22	VMB2393	DRIVE GEAR SPRING	1	
23	VMD2075	DRIVE GEAR COLLAR	1	
24	VXA4590	P6 STOPPER U	1	
25	VBSOO40	FE HEAD	1	
26	VML2597	FE HEAD ARM	1	
27	VMB2402	FE HEAD ARM SPRING	1	
28	VMS4783	P1 UPPER FLANGE	1	
29	VMC0803	P6 ADJ. PLATE	1	
30	VXA4596	P6 STOPPER (1) U	1	
31	VXL2171	FE HEAT ARM U	1	
32	VXL2174	PINCH PRESSURE ARM U	1	
33	VML2608	PINCH LINK ARM	1	
34	VML2609	PINCH CHARGE PLATE	1	
35	VMB2411	PINCH PRESSURE SPRING	1	
37	VMX1317	SPACER	1	
38	VEK5700	PINCH SOL. U	1	
39	VEK5697	PINCH SOL. (1) U	1	
40	VMA8574	SOL. MOUNT ANGLE	1	
41	VEK5707	PHOT P.C.BOARD U	1	
42	VXL2178	P4 ARM U	1	
43	VXL2225	PULL OUT ARM U	1	
44	VMB2398	S. LOCK SPRING	1	
45	VEK5911	MAGNETISM SENSOR	1	
46	VXL2167	TENSION ARM U	1	
47	VED0172	AC HEAD U	1	
48	VMB2395	AC HEAD SPRING	1	
49	VMX1406	PINCH ARM AXLE COLLAR	1	
50	VXA4607	AC HEAD AC HEAD MOUNT BASE U	1	
51	VMD1869	AC HEAD ADJ. BASE	1	
52	VBR0177	AC HEAD	1	
53	VMB2394	AC HEAD SPRING	1	
54	VXA4591	T. STOPPER U	1	
55	VMA8575	T. STOPPER (B)	1	
56	VMC0804	T. STOPPER PLATE SPRING	1	
57	VMA8542	T. STOPPER	1	
58	VMB2412	PINCH SOL. SPRING	1	
59	VMD0967	CUT WASHER	3	
60	VMD0653	CUT WASHER	1	
61	VMA8872	TAPE STOPPER	1	
62	VMC0848	SELF LOCK PLATE	1	
70	XXE2C25FP	HEX-SCREW	2	
71	XXE3A8FP	HEX-SCREW	1	
72	XXE3C4FP	HEX-SCREW	1	
73	XTV2+4F	SCREW	2	
74	XTV26+5F	SCREW	4	
75	XYN26+C4	SCREW	2	
76	XTV2+6F	SCREW	5	
77	XTV2+3F	SCREW	2	
78	XSB3+12S	SCREW	1	
79	XYN3+F6	SCREW	2	
80	XXE2C4FP	HEX-SCREW	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
81	XQN2+A3	SCREW	2	
82	XWGV25Y6G	WASHER	1	
83	XWGV26D5G	WASHER	3	
84	XUC25FP	E-RING	1	
85	XWGV3D6G	WASHER	2	
86	XWGV26Y5G	WASHER	6	
87	XWGV2D4G	WASHER	4	
88	XWGV225G	WASHER	5	
89	XWGV326G	WASHER	1	
90	XWGV26Z5G	WASHER	3	
91	XUC15FP	E-RING	2	
92	XWGV2Y4G	WASHER	3	
93	XWG3	WASHER	2	
94	XNG3E	NUT	1	
95	XSB3+8	SCREW	1	
96	XWGV0007	CUT WASHER	1	
97	XUC2FP	E-RING	1	

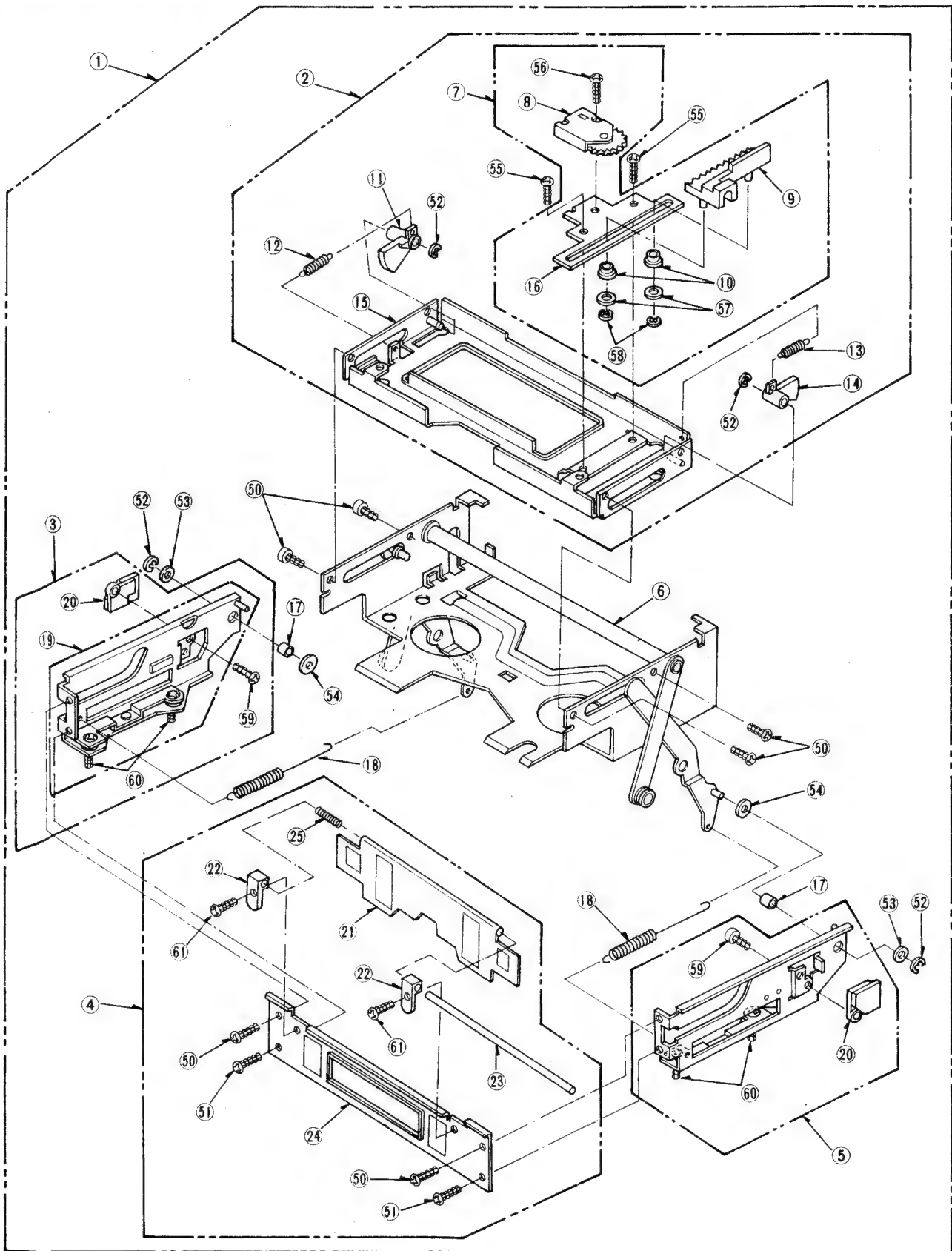
MECHANICAL CHASSIS ASSEMBLY (3)



MECHANICAL CHASSIS ASSEMBLY (3)

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks	Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
1		VXA4779	REEL BASE U	1							
2		VXR0151	REEL U	2							
3		VXA2795	FG HOLDER U	2							
4		VMB2496	MAIN BRAKE SPRING	2							
5		VXL2175	MAIN BRAKE (S) U	1							
6		VMD1170	PINCH ARM COLAR	6							
7		VEK5699	BRAKE SOL. (S) U	1							
8		VSJ0104	BRAKE SOL.	2							
9		VMA8570	SOL. BASE	2							
10		VXA4601	S. LOCK ARM U	1							
11		VXA4604	S. EJECT LOCK BASE U	1							
12		VMB1629	EJECT LOCK SPRING	1							
13		VXA4603	S. LOCK ARM U	1							
14		VMD0967	CUT WASHER	8							
15		VXA4620	S. EJECT DRIVE LEVER U	1							
16		VES0651	DETECT SW	1							
17		VMD1708	DETECT SW CAP	1							
18		VXJ0096	DETECT SW PIN U	4							
19		VMB2280	DETECT SW SPRING	4							
20		VMD1706	DETECT SW HOLDER	1							
21		VXL2176	MAIN BRAKE (T) U	1							
22		VEK5696	BRAKE SOL. (T) U	1							
23		VES0652	DETECT SW U	1							
24		VMD1707	DETECT SW CAP	1							
25		VMD1705	DETECT SW HOLDER	1							
26		VMD0291	EJECT COUPLE PLATE	1							
27		VEK5698	LED SENSOR U	1							
28		VMD1704	LED SENSOR CAP	1							
29		VMA8549	LED SENSOR BASE	1							
30		VXA4600	EJECT DRIVE LEVER	1							
31		VXMD027	EJECT SLIDE U	1							
32		VXA4602	EJECT LOCK U	1							
33		VXA4605	LOCK ARM	1							
34		VMB1630	EJECT LOCK SPRING	1							
35		VMA8551	EJECT LOCK PLATE	1							
36		VMB1629	EJECT LOCK SPRING	1							
37		VXA4606	EJECT LOCK BASE	1							
38		VES0653	DETECT SW U	2							
39		VES0625	DETECT SW U	2							
40		VEMD414	CAPSTAN U	1							
70		XSB2+6	SCREW	4							
71		XYN2+C10	SCREW	4							
72		XYN2+C5	SCREW	2							
73		XYN2+C4	SCREW	1							
74		XYN2+F6	SCREW	2							
75		XQN2+AJ5	SCREW	8							
76		XYN2+C3	SCREW	4							
77		XTV26+5F	SCREW	11							
78		XYN26+4F	SCREW	2							
79		XTV2+3F	SCREW	2							
80		XWGV2Y4G	POLY WASHER	2							
81		XUC15FP	E-RING	3							
82		XWGV2D4G	WASHER	2							
83		XWGV2Z4G	WASHER	5							
84		XNG2E	NUT	4							
85		XTV2+4F	SCREW	1							
86		XYN2+K5	SCREW	4							
87		XUEV3W	C-RING	2							
88		XYN26+C4	SCREW	2							

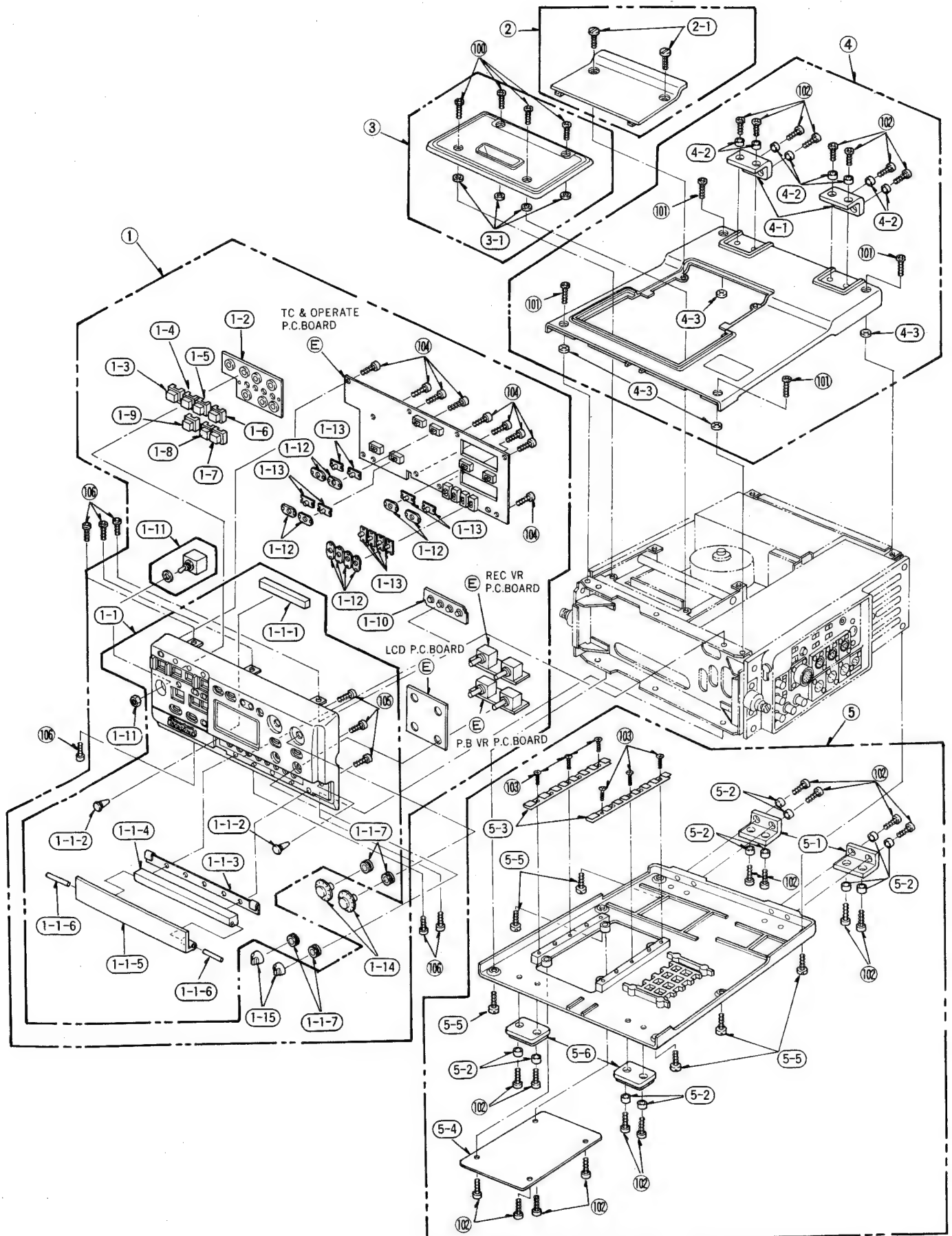
CASSETTE COMPARTMENT ASSEMBLY



CASSETTE COMPARTMENT ASSEMBLY

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA4992	CASSETTE UP U	1	
2	VXA4608	TOP PLATE U	1	
3	VXA4995	LEFT SIDE PLATE U	1	
4	VXA4614	BACK PLATE U	1	
5	VXA4610	RIGHT SIDE PLATE U	1	
6	VXA4993	CASSETTE HOLDER U	1	
7	VXA4612	DUMPER U	1	
8	VXPO891	DUMPER	1	
9	VXA4618	SLIDE GEAR	1	
10	VDP1151	SLIDE ROLLER	2	
11	VML1964	CASSETTE PRESS ARM (L)	1	
12	VMB2501	CASSETTE PRESS SPRING (L)	1	
13	VML1963	CASSETTE PRESS ARM (R)	1	
14	VMB1472	CASSETTE PRESS SPRING (R)	1	
15	VXA4617	TOP PLATE (1) U	1	
16	VMA8571	DUMPER BASE	1	
17	VDP0967	ARM SUPPORT ROLLER	2	
18	VMB2396	UP SPRING	2	
19	VXA4996	LEFT SIDE PLATE 1 U	1	
20	VEK5701	PHOTO TR (R) U	2	
21	VMA8557	BLINDER PANEL	1	
22	VMD1879	BLINDER PANEL HOLDER	2	
23	VMS4780	BLINDER PANEL SHIFT	1	
24	VMA8556	BACK PLATE	1	
25	VMB1972	BLINDER PANEL SPRING	1	
50	XYN26+C3	SCREW	6	
51	XSN26+3	SCREW	2	
52	XUC2FP	E-RING	4	
53	XWGV326G	POLY WASHER	2	
54	XWGV1Y9G	POLY WASHER	2	
55	XYN26+C4	SCREW	2	
56	XQN16+A6	SCREW	1	
57	XWGV2D5G	POLY WASHER	2	
58	XUC15FP	E-RING	2	
59	XTN2+5J	SCREW	2	
60	XYN26+F6	SCREW	4	
61	XTV2+3F	SCREW	2	

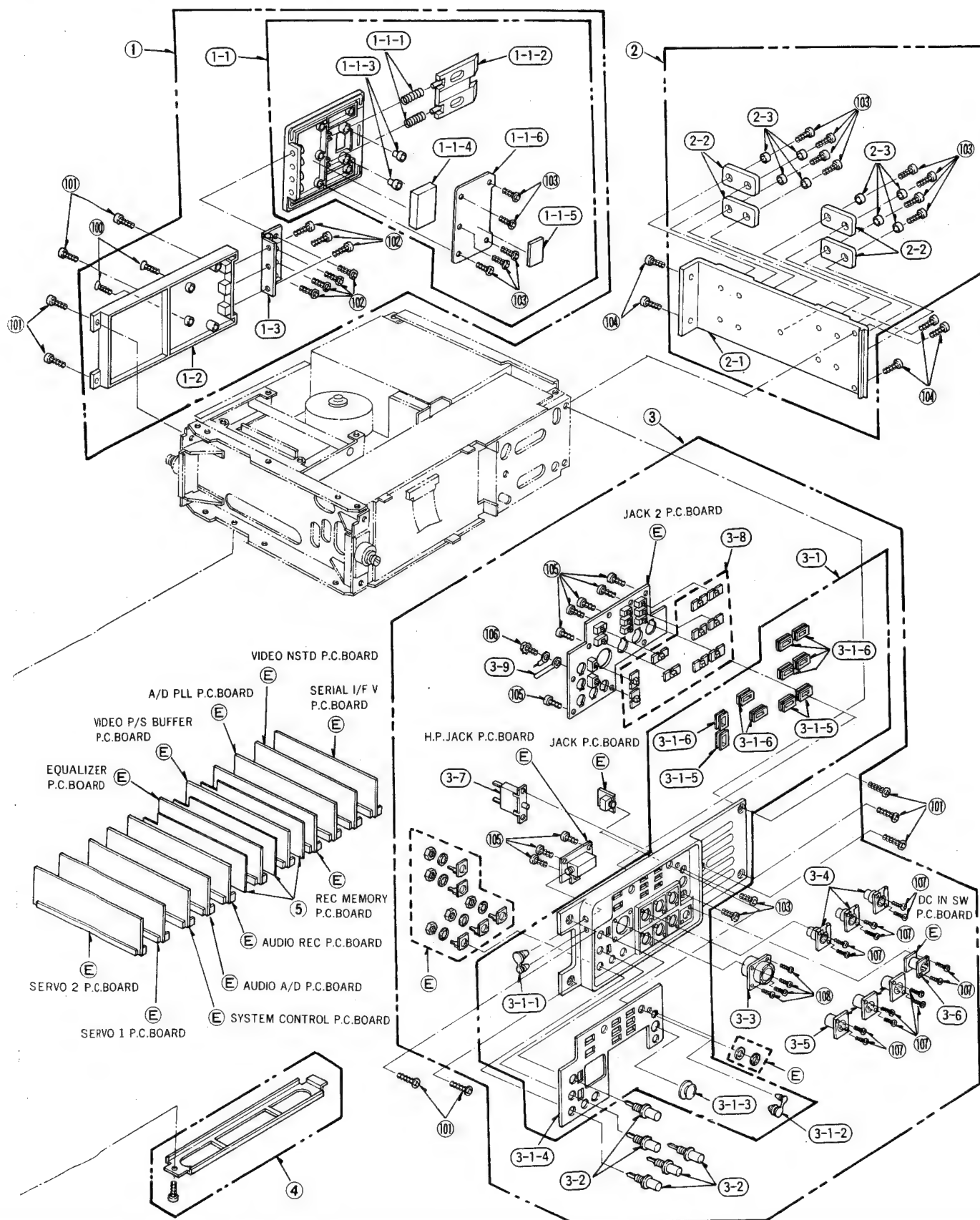
FRAME ASSEMBLY (1)



FRAME ASSEMBLY (1)

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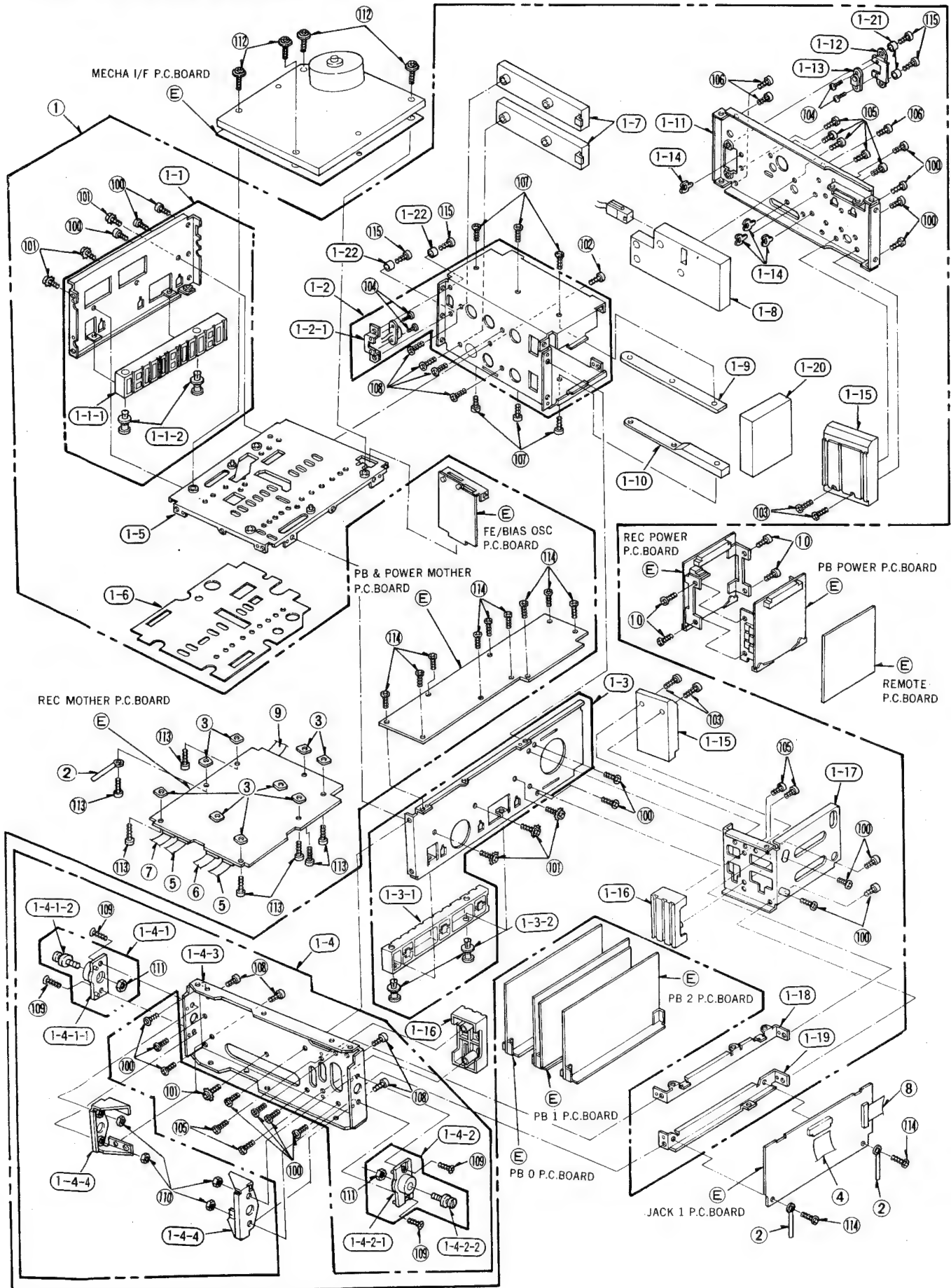
FRAME ASSEMBLY (2)



FRAME ASSEMBLY (2)

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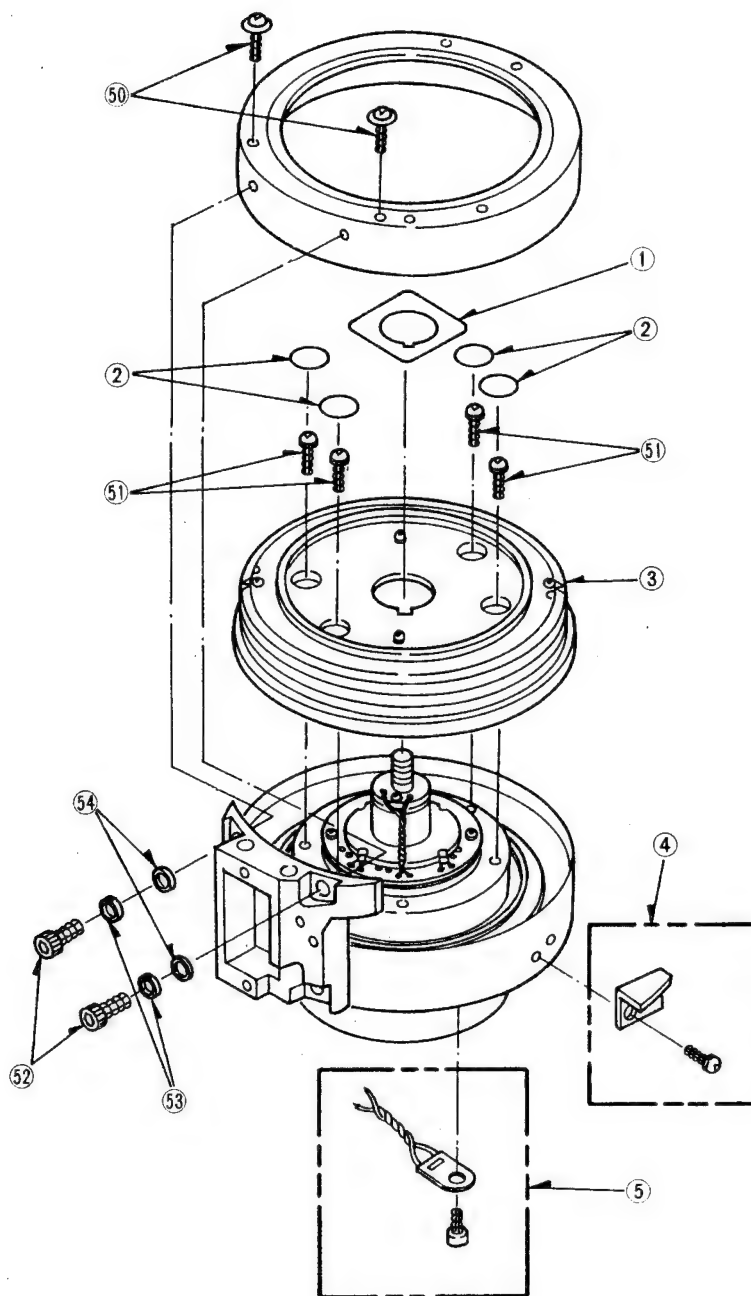
FRAME ASSEMBLY (3)



FRAME ASSEMBLY (3)

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DRUM ASSEMBLY

[illegible]

ELECTRICAL PARTS LIST (NTSC)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP89006A	P.C. BOARD W/COMPONENT	1			VEP80800A	P.C. BOARD W/COMPONENT	1	
		REC MOTHER					REMOTE JACK		
	VEP83152B	P.C. BOARD W/COMPONENT	1			VEP84151A	P.C. BOARD W/COMPONENT	1	
		VIDEO A/D PLL					FE/BIAS OSC		
	VEP83181B	P.C. BOARD W/COMPONENT	1	FOR VEP83152B		VEP80749A	P.C. BOARD W/COMPONENT	1	
		VIDEO A/D PLL SUB 1					MECHA I/F		
	VEP80745B	P.C. BOARD W/COMPONENT	1	FOR VEP83152B		VEP86112A	P.C. BOARD W/COMPONENT	1	
		VIDEO A/D PLL SUB 2					LCD		
	VEP83153B	P.C. BOARD W/COMPONENT	1			VEP84152A	P.C. BOARD W/COMPONENT	1	
		VIDEO NON STD					REC VR		
	VEP83158A	P.C. BOARD W/COMPONENT	1			VEP84153A	P.C. BOARD W/COMPONENT	1	
		SERIAL I/F V					PB VR		
	VEP83133D	P.C. BOARD W/COMPONENT	1			VEP80750B	P.C. BOARD W/COMPONENT	1	
		VIDEO REC MEMORY					DC INPUT SW		
	VEP83134D	P.C. BOARD W/COMPONENT	1			VEP80388A	P.C. BOARD W/COMPONENT	1	
		VIDEO P/S BUFFER					HEAD PHONE JACK		
	VEP83145D	P.C. BOARD W/COMPONENT	1						
		EQUALIZER							
	VEP83176A	P.C. BOARD W/COMPONENT	1	FOR VEP83145D					
		EQUALIZER SUB 1							
	VEP83177A	P.C. BOARD W/COMPONENT	1	FOR VEP83145D					
		EQUALIZER SUB 2							
	VEP84128B	P.C. BOARD W/COMPONENT	1						
		AUDIO REC							
	VEP84129B	P.C. BOARD W/COMPONENT	1						
		AUDIO A/D							
	VEP86122A	P.C. BOARD W/COMPONENT	1						
		SYSTEM CONTROL							
	VEP82072B	P.C. BOARD W/COMPONENT	1						
		SERVO 1							
	VEP82073B	P.C. BOARD W/COMPONENT	1						
		SERVO 2							
	VEP81063A	P.C. BOARD W/COMPONENT	1						
		REC POWER							
	VEP80722B	P.C. BOARD W/COMPONENT	1						
		JACK 1							
	VEP80723A	P.C. BOARD W/COMPONENT	1						
		JACK 2							
	VEP86111B	P.C. BOARD W/COMPONENT	1						
		TC & OPERATE							
	VEP89007A	P.C. BOARD W/COMPONENT	1						
		PB & POWER'S MOTHER							
	VEP83148D	P.C. BOARD W/COMPONENT	1						
		PBO							
	VEP83149B	P.C. BOARD W/COMPONENT	1						
		PB1							
	VEP83154B	P.C. BOARD W/COMPONENT	1	FOR VEP83149B					
		PB1 SUB							
	VEP83150D	P.C. BOARD W/COMPONENT	1						
		PB2							
	VEP81064A	P.C. BOARD W/COMPONENT	1						
		PB POWER							
	VEP86113A	P.C. BOARD W/COMPONENT	1						
		REMOTE							

NTSC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP89006A	P.C. BOARD W/COMPONENT REC MOTHER		
		CAPACITORS		
C9201-05	ECA18GE222Y	E. CAPACITOR 25V 2200U	5	
C9208, 09	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
D9201	DE5SC4M-4061	DIODE	1	
IC9203	PC74HC125T	IC	1	
IC9204	PC74HC157T	IC	1	
P1-P9	VJS3387A	CONNECTOR (FEMALE)	9	
P10-18	VJS3387A	CONNECTOR (FEMALE)	9	
P27	VJP3261018	CONNECTOR (MALE)	1	
P28	VJS3194A	CONNECTOR (FEMALE)	1	
P29	VJP3261024	CONNECTOR (MALE)	1	
P35, 36	VJS3195A050	CONNECTOR (FEMALE)	2	
P45-48	VJS3387A	CONNECTOR (FEMALE)	4	
P9201	VJS2907D020	CONNECTOR (FEMALE)	1	
P9202	VJS2907D018	CONNECTOR (FEMALE)	1	
P9203, 04	VJS2907D020	CONNECTOR (FEMALE)	2	
P9206	VJS2907D018	CONNECTOR (FEMALE)	1	
P9207	VJS2907D020	CONNECTOR (FEMALE)	1	
P9220	VJP2741A024	CONNECTOR (MALE)	1	
P9221	VJP2741A022	CONNECTOR (MALE)	1	
		RESISTORS		
R9201-27	ERJ6GEYJ102	M. RESISTOR CH 1/10W 1K	27	
R9230	ERJ6GEYJ270	M. RESISTOR CH 1/10W 27	1	
R9231, 32	ERJ6GEYJ153	M. RESISTOR CH 1/10W 15K	2	
		MISCELLANEOUS		
	XSB2+6FZ	SCREW	44	
	VJF0304	HOLDER	2	
	VJF0300	HOLDER	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP83152B	P.C. BOARD W/COMPONENT		
			VIDEO A/D PLL		
		VEP83181B	P.C. BOARD W/COMPONENT		FOR VEP83152B
			VIDEO A/D PLL SUB 1		
		VEP80745B	P.C. BOARD W/COMPONENT		FOR VEP83152B
			VIDEO A/D PLL SUB 2		
			CAPACITORS		
C3046		ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	
C3101,02		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3103,04		ECEV1CV470S	E.CAPACITOR 16V 47U	2	
C3105,06		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3107		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3108		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3109		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C3110		ECUX1H391JCV	C.CAPACITOR CH 50V 390P	1	
C3111		ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C3112		ECEA0JU331	E.CAPACITOR 6.3V 330U	1	
C3113		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3115-17		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	3	
C3118		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3119-21		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	3	
C3122		ECEVIN3R3S	E.CAPACITOR 25V 3.3U	1	
C3123		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3124		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3125		ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	
C3126		ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C3127		ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C3128,29		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3130-32		ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	3	
C3133-37		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	5	
C3138,39		ECEV1HA2R2	E.CAPACITOR 50V 2.2U	2	
C3140,41		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3142		ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C3143-45		ECUX1H470JCV	C.CAPACITOR CH 50V 47P	3	
C3146,47		ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C3148		ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1	
C3149		ECEA1AK101	E.CAPACITOR 10V 100U	1	
C3201		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3202		ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C3203		ECUX1H561KBV	C.CAPACITOR CH 50V 560P	1	
C3204,05		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3206		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3208,09		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3211		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3212		ECUM1H104KBM	C.CAPACITOR CH 50V 0.1U	1	
C3213		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3214		ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
C3215		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3216		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3217-26		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	10	
C3228		ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C3229,30		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3231		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3232		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3233		ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C3234		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3235,36		ECUX1H560JCV	C.CAPACITOR CH 50V 56P	2	
C3237		ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C3238		ECUX1H561KBV	C.CAPACITOR CH 50V 560P	1	
C3239,40		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3241		ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C3242		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1	
C3301,02		ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C3303		ECEV1CV470S	E.CAPACITOR 16V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D3101	MA3082M	DIODE	1	
D3102	1S253	DIODE	1	
D3201	MA141K	DIODE	1	
FL3101	VLF1004	FILTER	1	
IC3024	NJM79105UA	IC	1	
IC3101,02	NJU7201U50	IC	2	
IC3103	NE5539D	IC	1	
IC3104,05	CXD1175AM	IC	2	
IC3106,07	NJM4565MD	IC	2	
IC3108	NJMD64M	IC	1	
IC3109	NJMD62M	IC	1	
IC3110,11	PC74HC221T	IC	2	
IC3201	L7A0756	IC	1	
IC3202	PC74HC004T	IC	1	
IC3203	PC74HC133F	IC	1	
IC3204	PC74HC221T	IC	1	
IC3205,06	74AC253SJ	IC	2	
IC3207	NJMD62M	IC	1	
IC3208	74AC08SJ	IC	1	
IC3209	NJU7201U50	IC	1	
IC3210	PC74HC004T	IC	1	
IC3211	PC74HC32T	IC	1	
IC3212	PC74HC004T	IC	1	
IC3213	UPD42102G-3	IC	1	
IC3214	74AC157SJ	IC	1	
IC3215	PC74HC221T	IC	1	
IC3216	VSI1228A	IC	1	
IC3217	VSI1229	IC	1	
L3101	VLQ0319K470	COIL	47UH	1
L3102	VLP0017	COIL		1
L3103,04	VLQ0319K220	COIL	22UH	2
L3105	VLP0017	COIL		1
L3106	VLQ0133K821	COIL	820UH	1
L3202-04	VLQ0319K220	COIL	22UH	3
L3205	VLQ0319K101	COIL	100UH	1
L3301	VLF0931	COIL		1
P3001,02	VJP3387	CONNECTOR (MALE)		2
Q3101-03	2SD1819A	TRANSISTOR		3
Q3104,05	2SB1218A	TRANSISTOR		2
Q3106,07	2SC3930	TRANSISTOR		2
Q3108,09	2SA1532	TRANSISTOR		2
Q3110	2SD1819A	TRANSISTOR		1
Q3112,13	2SK662	TRANSISTOR		2
Q3114,15	2SB1218A	TRANSISTOR		2
Q3201,02	2SD1819A	TRANSISTOR		2
		RESISTORS		
R3101	ERJ3GEYJ271	M.RESISTOR CH 1/16W	270	1
R3102,03	ERJ3GEYJ222	M.RESISTOR CH 1/16W	2.2K	2
R3106	ERJ3GEYJ222	M.RESISTOR CH 1/16W	2.2K	1
R3107	ERJ3GEYJ221	M.RESISTOR CH 1/16W	220	1
R3109	ERJ3GEYJ681	M.RESISTOR CH 1/16W	680	1
R3110	ERJ3GEYJ122	M.RESISTOR CH 1/16W	1.2K	1
R3111,12	ERJ3GEYJ150	M.RESISTOR CH 1/16W	15	2
R3113	ERJ3GEYJ152	M.RESISTOR CH 1/16W	1.5K	1
R3114	ERJ3GEYJ122	M.RESISTOR CH 1/16W	1.2K	1
R3115	VRE0034E301	M.RESISTOR CH 1/10W	300	1
R3116	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	1

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3117	VRE0034E301	M.RESISTOR CH 1/10W 300	1						
R3118	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1						
R3119	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1						
R3120	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1		SW3201	VJPI940	CONNECTOR SWITCH	1	
R3121,22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2		SW3201S	VJS1940	CONNECTOR SWITCH	1	
R3123,24	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	2						
R3125	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1						
R3126	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1						
R3127	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1		TP3101-04	VJRO548	TEST POINT	4	
R3128	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1		TP3203,04	VJRO548	TEST POINT	2	
R3129	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1		TP3207-12	VJRO548	TEST POINT	6	
R3130	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1		TPG3101	VJRO548	TEST POINT	1	
R3131	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1		TPG3201	VJRO548	TEST POINT	1	
R3132	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1						
R3133	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3134	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1		VC3201	ECRJA010A12	TRIMMER	1	
R3135	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3136	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1						
R3137	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1						
R3138	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		VR3101	VRV0113B102	V.RESISTOR	1K	1
R3139	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1		VR3102	VRV0113B502	T.RESISTOR	5K	1
R3140	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1		VR3103	VRV0113B202	T.RESISTOR	2K	1
R3141	VRE0034E683	M.RESISTOR CH 1/10W 68K	1		VR3201	VRV0113B502	T.RESISTOR	5K	1
R3142	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1		VR3202	VRV0113B503	T.RESISTOR	50K	1
R3143	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1		VR3203	VRV0113B502	T.RESISTOR	5K	1
R3144	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1						
R3145	VRE0034E911	M.RESISTOR CH 1/10W 910	1						
R3146	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R3147,48	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2		X3201	VSK0338	CRYSTAL OSCILLATOR	1	
R3149	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		X3202	VSK0081	CRYSTAL OSCILLATOR	1	
R3150	VRE0034E113	M.RESISTOR CH 1/10W 11K	1						
R3151	VRE0034E911	M.RESISTOR CH 1/10W 910	1						
R3152	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1						
R3153	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1						
R3154	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3156	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1						
R3157	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3158	VRE0034E561	M.RESISTOR CH 1/10W 560	1						
R3159,60	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2						
R3161	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3162	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1						
R3163	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1						
R3164	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1						
R3165	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1						
R3166	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1						
R3167	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1						
R3168	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R3169	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1						
R3170,71	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2						
R3172	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1						
R3201	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3202	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3203,04	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	2						
R3205	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3208-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3						
R3211	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1						
R3212	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1						
R3213	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R3215,16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R3217	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3219	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3222	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3223	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1						
R3224	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3225-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	9						
R3234	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3235	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3236,37	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2						
R3238	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1						
R3239	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3242	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3243	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3244	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3245	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1						
R3246	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1						

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83153B	P.C. BOARD W/COMPONENT		
		VIDEO NON STD		
		CAPACITORS		
C3101	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3102-04	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	3	
C3105	ECUX1H181JCV	C. CAPACITOR CH 50V 180P	1	
C3106	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3107,08	ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C3109,10	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3111	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1	
C3112	ECUX1H680JCV	C. CAPACITOR CH 50V 68P	1	
C3113,14	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3115	ECEV1HN010S	E. CAPACITOR 50V 1U	1	
C3116	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3117	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3201	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3202	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3203	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3204	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3205	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C3206	ECEV1CV100S	E. CAPACITOR 16V 100U	1	
C3207,08	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3209	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C3210-12	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	3	
C3213	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3214	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C3215	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C3216,17	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	2	
C3218	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3219	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3220	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3221	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3222	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3223	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C3301	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3302	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3303	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3304	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3305	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3306,07	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	2	
C3308,09	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3310	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3311	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3312	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3313	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3314	ECUM1H182KRN	C. CAPACITOR CH 50V 1800P	1	
C3315	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3316	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3317	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3318	ECUM1H104KRM	C. CAPACITOR CH 50V 0.1U	1	
C3319	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3320	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C3401	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3402	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3403	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3404	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3405	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3406	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3407	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
D3201,02	MA141K	DIODE	2	
D3203	MA328	DIODE	1	

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[illegible]

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83134D	P.C. BOARD W/COMPONENT		
		VIDEO P/S BUFFER		
		CAPACITORS		
C3011, 12	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3014-17	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C3018, 19	ECUM1C104KBN	C. CAPACITOR CH 16V 0.1U	2	
C3022, 23	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3025-28	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C3029, 30	ECUM1C104KBN	C. CAPACITOR CH 16V 0.1U	2	
C3033-35	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C3036	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C3037	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3038	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C3039	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3040	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C3041	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3042	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C3043	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3047, 48	ECUM1C104KBN	C. CAPACITOR CH 16V 0.1U	2	
C3049	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3050	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C3051-53	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C3055, 56	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3057	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1	
C3058, 59	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3060	ECUX1H27ZKBV	C. CAPACITOR CH 50V 2700P	1	
C3061, 62	ECEV1CV100S	E. CAPACITOR 16V 10U	2	
C3063	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3064	ECUM1C104KBN	C. CAPACITOR CH 16V 0.1U	1	
C3065	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3066	ECUM1C104KBN	C. CAPACITOR CH 16V 0.1U	1	
C3067-69	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C3070	ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1	
C3071	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C3073, 74	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3075	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1	
C3076	ECUX1H27ZKBV	C. CAPACITOR CH 50V 2700P	1	
C3077, 78	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3079, 80	ECEV1CV100S	E. CAPACITOR 16V 10U	2	
C3081, 82	ECUX1H050CCV	C. CAPACITOR CH 50V 5P	2	
C3096-99	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C3100	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C3101-04	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C3201-03	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C3204, 05	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2	
C3206, 07	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C3209	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C3210-13	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C3214	ECEVOG470S	E. CAPACITOR 4V 47U	1	
C3215	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
D3001, 02	MA141WA	DIODE	2	
FL3201-03	VLF0941C223	FILTER	3	
IC3011, 12	M810HL116PFF	IC	2	
IC3013	NJM064M	IC	1	
IC3016	NJM062M	IC	1	
IC3019	PC74HC4053T	IC	1	
IC3020	TC7S3ZF	IC	1	
IC3021, 22	PC74HC4053T	IC	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3076,77	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3078,79	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3080,81	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3082,83	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2	
R3084	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3085	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3086,87	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3090,91	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R3092,93	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R3094	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R3095	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3096	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R3097,98	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3099	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3100,01	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R3102,03	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	2	
R3104	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3105	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R3106,07	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R3108,09	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3110,11	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R3112,13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3114,15	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2	
R3116	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3117	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3118,19	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3120	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3121	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3122,23	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R3124,25	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R3126	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R3127	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3128	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R3129,30	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3131	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3132,33	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2	
R3134	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3135,36	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R3137	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3138	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3139	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3140,41	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3142,43	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R3144	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3145	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3146,47	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3148-51	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	4	
R3152-55	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	4	
R3156,57	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3158	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3159	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3160,61	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	2	
R3162	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3163	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3164,65	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	2	
R3166-71	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
R3174-78	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5	
R3201	VRB0034E511	RESISTOR	1	
R3202	VRB0034E102	M.RESISTOR CH 1/16W 1K	1	
R3203-05	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	3	
R3208,09	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
R3210	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3211-14	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
TP3001-15	VJRO548	TEST POINT	15	
TPG3001,02	VJRO548	TEST POINT	2	
VR3001,02	VRV0113B103	T.RESISTOR	10K	2
VR3003-06	VRV0113B202	T.RESISTOR	2K	4

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3101,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3103	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1						
R3104	VRE0034E750	M.RESISTOR CH 1/10W 75	1						
R3105	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3106	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1						
R3107	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3108	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3109	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3110	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3111	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1						
R3112	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R3113	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R3114	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1						
R3115	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3116,17	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2						
R3118,19	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2						
R3120,21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R3122,23	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2						
R3126	VRE0034E820	M.RESISTOR CH 1/16W 82	1						
R3127	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1						
R3128	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1						
R3129	VRE0034E680	M.RESISTOR CH 1/10W 68	1						
R3130-32	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	3						
R3133,34	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2						
R3137,38	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2						
R3139	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1						
R3140	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3141	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1						
R3142	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1						
R3143	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1						
R3144	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1						
R3145	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3146	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1						
R3147	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3148-50	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3						
R3151,52	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2						
R3153,54	VRE0034E680	M.RESISTOR CH 1/10W 68	2						
R3155	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1						
R3156	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3157	VRE0034E510	M.RESISTOR CH 1/10W 51	1						
R3158,59	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2						
R3160	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1						
R3161-63	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3						
R3164	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1						
SW3001	VJP1563	CONNECTOR (MALE)	1						
SW3101	VJP1563	CONNECTOR (MALE)	1						
TP3001	VJRO548	TEST POINT	1						
TP3101	VJRO548	TEST POINT	1						
TPG3001,02	VJRO548	TEST POINT	2						
TPG3101	VJRO548	TEST POINT	1						
VR3001	VRV0113B501	T.RESISTOR	500	1					
VR3002	VRV0113B101	V.RESISTOR	100	1					
VR3003,04	VRV0113B103	T.RESISTOR	10K	2					
VR3005	VRV0113B203	T.RESISTOR	20K	1					
VR3101	VRV0113B501	T.RESISTOR	500	1					
VR3102	VRV0113B101	V.RESISTOR	100	1					
VR3103,04	VRV0113B103	T.RESISTOR	10K	2					
VR3105	VRV0113B203	T.RESISTOR	20K	1					
		MISCELLANEOUS							
	WMP3338	P.C. BOARD HOLDER ANGLE	1						
	XSB2+4PZ	SCREW	3						
	XSB2+6PZ	SCREW	4						
	UGU5695	P.C. BOARD FULLER	1						

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PARTS-28

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP84129B	P.C. BOARD W/COMPONENT		
		AUDIO A/D		
		CAPACITORS		
C4301, 02	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C4303, 04	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C4305	ECEV1AN100S	E. CAPACITOR 10V 10U	1	
C4306	ECEV1AN330SP	E. CAPACITOR 6.3V 330U	1	
C4307, 08	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C4309	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C4310	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C4311	ECEA1CG330	E. CAPACITOR 16V 33U	1	
C4312	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C4313	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4314	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C4315	ECEV1AN100S	E. CAPACITOR 10V 10U	1	
C4316, 17	ECEVOJV101S	E. CAPACITOR 6.3V 100U	2	
C4318, 19	ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C4320	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1	
C4321, 22	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C4323, 24	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C4325	ECEV1AN100S	E. CAPACITOR 10V 10U	1	
C4326	ECEV1AN330SP	E. CAPACITOR 6.3V 330U	1	
C4327, 28	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C4329	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C4330	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C4331	ECEA1CG330	E. CAPACITOR 16V 33U	1	
C4332, 33	ECEVOJV101S	E. CAPACITOR 6.3V 100U	2	
C4334	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4335	ECEV1AN100S	E. CAPACITOR 10V 10U	1	
C4336-39	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	4	
C4340	ECU1C472G	P. CAPACITOR 16V 4700P	1	
C4341	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4343	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1	
C4344	ECUX1H182KBV	C. CAPACITOR CH 50V 1800P	1	
C4345	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C4346	ECEV1EN100S	E. CAPACITOR 25V 10U	1	
C4347, 48	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C4349	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C4350	ECU1C472G	P. CAPACITOR 16V 4700P	1	
C4351	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4353	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1	
C4354	ECUX1H182KBV	C. CAPACITOR CH 50V 1800P	1	
C4355	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C4356	ECEV1EN100S	E. CAPACITOR 25V 10U	1	
C4357, 58	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C4359	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C4360-63	ECEV1CV470S	E. CAPACITOR 16V 47U	4	
C4364-67	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C4368, 69	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C4370-72	ECEVOJV101S	E. CAPACITOR 6.3V 100U	3	
C4373	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C4374-79	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	6	
C4380	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1	
C4381-84	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	4	
C4385, 86	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C4387, 88	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	2	
C4389, 90	ECEV1EN100S	E. CAPACITOR 25V 10U	2	
D4301, 02	MA143	DIODE	2	
IC4301	NJM2068MD	IC	1	
IC4302	NJM4558M	IC	1	
IC4303	NJM2068MD	IC	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP86122A	P. C. BOARD W/COMPONENT		
		SYSTEM CONTROL		
		CAPACITORS		
C6001-04	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C6006-10	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	5	
C6012-14	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C6016-20	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	5	
C6026, 27	ECUX1H33QJCV	C. CAPACITOR CH 50V 33P	2	
C6029	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C6030	ECUX1H47QJCV	C. CAPACITOR CH 50V 47P	1	
C6031-34	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C6035	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C6036	ECEV1EV330S	E. CAPACITOR 25V 33U	1	
C6037	ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	1	
C6038-41	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	4	
C6042	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C6043-45	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C6046	ECST1VY334Z	T. CAPACITOR CH 35V 0.33U	1	
C6047	ECST1CY105Z	T. CAPACITOR 16V 1U	1	
C6048, 49	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	2	
C6050	ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	1	
C6051	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6052, 53	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	2	
C6054	ECEA1VSNZR2	E. CAPACITOR 35V 2.2U	1	
C6055	ECEA1CKS100	E. CAPACITOR 16V 10U	1	
D6002	MA143	DIODE	1	
D6003	MA141WK	DIODE	1	
D6004	MA141WA	DIODE	1	
D6005	MA141K	DIODE	1	
D6006	MA3068-H	DIODE	1	
D6007, 08	MA141WK	DIODE	2	
IC6001	M3770054FP	IC	1	
IC6002, 03	UPD71055GB	IC	2	
IC6004	MN1287BF	IC	1	
IC6006-09	LM339DB	IC	4	
IC6010	MC14538BF	IC	1	
IC6012	PC74HC32T	IC	1	
IC6013	PC74HC138T	IC	1	
IC6014	VS11199A	IC	1	
IC6016	VS11236B	IC	1	
IC6017, 18	MC74HC541F	IC	2	
IC6019	MC74HC245AF	IC	1	
IC6020	51951BML600D	IC	1	
IC6021	MC14584BF	IC	1	
IC6022	PC74HC75T	IC	1	
IC6023	VS11237B	IC	1	
IC6024	NUJ7201U50	IC	1	
IC6025	NJM2904M	IC	1	
IC6026	M51951AML	IC	1	
IC6016S	VJS3397	CONNECTOR (FEMALE)	1	
IC6023S	VJS3397	CONNECTOR (FEMALE)	1	
L6001	VLQ0319K220	COIL	22UH	1
P6001, 02	VJP3387	CONNECTOR (MALE)		2

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q6002	2SC3938	TRANSISTOR	1	
Q6003	2SD1819A	TRANSISTOR	1	
Q6005,06	2SD1819A	TRANSISTOR	2	
Q6007	2SB1219	TRANSISTOR	1	
Q6008	2SD1819A	TRANSISTOR	1	
Q6009	UN5213	TRANSISTOR	1	
Q6010	2SB956	TRANSISTOR	1	
Q6012-17	2SD1819A	TRANSISTOR	6	
Q6018	2SB956	TRANSISTOR	1	
Q6019	UN5213	TRANSISTOR	1	
Q6020	UN5215	TRANSISTOR	1	
Q6021	UN5213	TRANSISTOR	1	
		RESISTORS		
R6001	ERJ3GEYJ105	M.RESISTOR CH 1/16W	1M	1
R6002	ERJ3GEYJ221	M.RESISTOR CH 1/16W	220	1
R6003	ERJ3GEYJ220	M.RESISTOR CH 1/16W	22	1
R6004	ERJ3GEYJ473	M.RESISTOR CH 1/16W	47K	1
R6007-17	ERJ3GEYJ104	M.RESISTOR CH 1/16W	100K	11
R6018, 19	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	2
R6020	ERJ3GEYOR00	M.RESISTOR CH 1/16W	0	1
R6021, 22	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	2
R6023	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	1
R6025, 26	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	2
R6027	ERJ3GEYJ224	M.RESISTOR CH 1/16W	220K	1
R6028-30	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	3
R6032	VRE0034E473	M.RESISTOR CH 1/10W	47K	1
R6033	VRE0034E183	M.RESISTOR CH 1/10W	18K	1
R6034	VRE0034E563	M.RESISTOR CH 1/10W	56K	1
R6035	VRE0034E563	M.RESISTOR CH 1/10W	56K	1
R6036	ERJ3GEYJ562	M.RESISTOR CH 1/16W	5.6K	1
R6037	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	1
R6038	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	1
R6043	ERJ3GEYJ221	M.RESISTOR CH 1/16W	220	1
R6044-46	ERJ3GEYJ102	M.RESISTOR CH 1/16W	1K	3
R6047, 48	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	2
R6049	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	2
R6050	ERJ3GEYOR00	M.RESISTOR CH 1/16W	0	1
R6051, 52	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	2
R6053	VRE0034E202	M.RESISTOR CH 1/10W	2K	1
R6054	ERJ3GEYJ153	M.RESISTOR CH 1/16W	15K	1
R6056	ERJ3GEYJ223	M.RESISTOR CH 1/16W	22K	1
R6057	ERJ3GEYJ561	M.RESISTOR CH 1/16W	560	1
R6058, 59	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	2
R6060-66	ERJ3GEYJ223	M.RESISTOR CH 1/16W	22K	7
R6068	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	1
R6069	ERJ3GEYJ123	M.RESISTOR CH 1/16W	12K	1
R6070-78	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	9
R6079	ERJ3GEYJ123	M.RESISTOR CH 1/16W	12K	1
R6080	ERJ3GEYJ182	M.RESISTOR CH 1/16W	1.8K	1
R6081	ERJ3GEYJ332	M.RESISTOR CH 1/16W	3.3K	1
R6082-88	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	7
R6089	ERJ3GEYJ333	M.RESISTOR CH 1/16W	33K	1
R6090	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	1
R6091-94	ERJ3GEYJ223	M.RESISTOR CH 1/16W	22K	4
R6095	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	1
R6096	ERJ3GEYJ153	M.RESISTOR CH 1/16W	15K	1
R6097	ERJ3GEYJ104	M.RESISTOR CH 1/16W	100K	1
R6098	ERJ3GEYJ274	M.RESISTOR CH 1/16W	270K	1
R6099	ERJ3GEYJ562	M.RESISTOR CH 1/16W	5.6K	1
R6100	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	1
R6101	ERJ3GEYJ105	M.RESISTOR CH 1/16W	1M	1
R6104	ERJ3GEYJ220	M.RESISTOR CH 1/16W	22	1
R6105	ERJ3GEYJ182	M.RESISTOR CH 1/16W	1.8K	1
R6106	ERJ3GEYJ681	M.RESISTOR CH 1/16W	680	1
R6107	ERJ3GEYJ153	M.RESISTOR CH 1/16W	15K	1
R6108	ERJ3GEYJ273	M.RESISTOR CH 1/16W	27K	1
R6109	ERJ80CYJ330	M.RESISTOR CH 1/8W	33	1
R6110	ERJ3GEYJ682	M.RESISTOR CH 1/16W	6.8K	1
R6111	ERJ3GEYJ103	M.RESISTOR CH 1/16W	10K	1
R6112	ERJ3GEYJ122	M.RESISTOR CH 1/16W	1.2K	1
R6113	ERJ3GEYJ682	M.RESISTOR CH 1/16W	6.8K	1
R6114, 15	ERJ3GEYJ563	M.RESISTOR CH 1/16W	56K	2

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP82072B	P.C. BOARD W/COMPONENT SERVO 1		
		CAPACITORS		
C2001	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2002-04	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
C2005,06	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	2	
C2007	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C2008	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2009	ECEV1HN010S	E. CAPACITOR 50V 1U	1	
C2010	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2011	ECST1AY475Z	T. CAPACITOR CH 10V 4.7U	1	
C2012	ECEV1H0101S	E. CAPACITOR 6.3V 100U	1	
C2013,14	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	2	
C2015	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2016	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C2017	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2018	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2019,20	ECEV1HN010S	E. CAPACITOR 50V 1U	2	
C2021	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2022	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2023	ECEV1EV220S	E. CAPACITOR 25V 22U	1	
C2024	ECEV1HN010S	E. CAPACITOR 50V 1U	1	
C2025	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2026	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2027	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2028	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2029-31	ECEV1HN010S	E. CAPACITOR 50V 1U	3	
C2032	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2033	ECUX1H562KBV	C. CAPACITOR CH 50V 5600P	1	
C2034	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C2035-37	ECUX1H562KBV	C. CAPACITOR CH 50V 5600P	3	
C2038	ECUX1H120JCV	C. CAPACITOR CH 50V 12P	1	
C2039	ECUX1H822KBV	C. CAPACITOR CH 50V 8200P	1	
C2040	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2041	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2042	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C2043	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2044,45	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C2046	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C2047	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2048	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C2049	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2050	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2051	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C2052,53	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C2054	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2055	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C2056	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2057	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2058	ECST1EX225Z	T. CAPACITOR 25V 2.2U	1	
C2059	ECEV1EV330S	E. CAPACITOR 25V 33U	1	
C2060	ECEV1EV220S	E. CAPACITOR 25V 22U	1	
C2061	ECUX1H822KBV	C. CAPACITOR CH 50V 8200P	1	
C2062	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2063	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C2064	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2065	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2066	ECEV1HN010S	E. CAPACITOR 50V 1U	1	
C2067	ECUX1H822KBV	C. CAPACITOR CH 50V 8200P	1	
C2068	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2069	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C2070-74	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	5	
C2075	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C2076	ECUX1H1032FV	C. CAPACITOR CH 50V 0.01U	1	
C2077	ECEV1EV220S	E. CAPACITOR 25V 22U	1	
C2078	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C2079	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C2080	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2081	ECUX1H332KBV	C. CAPACITOR CH 50V 3300P	1	
C2082	ECUX1H152KBV	C. CAPACITOR CH 50V 1500P	1	
C2083	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2084	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2085	ECUX1H222KBV	C. CAPACITOR CH 50V 2200P	1	
C2086-88	ECQB1C104J	CAPACITOR CH 16V 0.1U	3	
C2089	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2090,91	ECEV1EV330S	E. CAPACITOR 25V 33U	2	
C2092	ECUX1H562KBV	C. CAPACITOR CH 50V 5600P	1	
C2093	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2094	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2095,96	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	2	
C2097	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
D2001,02	MA143	DIODE	2	
D2003	MA3120-L	DIODE	1	
D2004	MA738	DIODE	1	
D2005	MA3082-L	DIODE	1	
D2006	MA738	DIODE	1	
D2007	MA3082-L	DIODE	1	
D2008	MA738	DIODE	1	
D2009	MA3082-L	DIODE	1	
D2010	MA738	DIODE	1	
D2011	MA3120-L	DIODE	1	
D2012	MA738	DIODE	1	
D2013	MA3082-L	DIODE	1	
D2014	MA738	DIODE	1	
D2015	MA3082-L	DIODE	1	
D2016	MA738	DIODE	1	
D2017-22	MA141WK	DIODE	6	
IC2001	MN67512VAVH2	IC	1	
IC2002	MN67512VAVJ2	IC	1	
IC2003	NJM2902M	IC	1	
IC2004	NJM2903M	IC	1	
IC2005	NJM2902M	IC	1	
IC2006	NJM4558M	IC	1	
IC2007	NJM2903M	IC	1	
IC2008,09	PC74HC04T	IC	2	
IC2010	51951BML600D	IC	1	
IC2011	PC74HC73T	IC	1	
IC2012	MC140138F	IC	1	
IC2013	MN4030BS	IC	1	
IC2014	PC74HC4066T	IC	1	
IC2015	NJM2904M	IC	1	
IC2016	TL082CPS	IC	1	
IC2017	M54649L	IC	1	
IC2018	NJM2904M	IC	1	
IC2019,20	NJM2903M	IC	2	
L2001	VLQ0319K470	COIL 47UH	1	
L2002,03	VLQ0319K221	COIL 220UH	2	
F2001,02	VJP3387	CONNECTOR (MALE)	2	
Q2001	2SD1819A	TRANSISTOR	1	
Q2002	2SB1218	TRANSISTOR	1	
Q2003	UN5215	TRANSISTOR	1	
Q2004	UN5211	TRANSISTOR	1	
Q2005-07	UN5213	TRANSISTOR	3	
Q2008	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2009,10	UN5213	TRANSISTOR	2	
Q2011	UN5113	TRANSISTOR	1	
Q2012	UN5213	TRANSISTOR	1	

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Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP82073B	P.C. BOARD W/COMPONENT		
			SERVO 2		
			CAPACITORS		
C2501-03		ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3	
C2506-08		ECEV1E1N100S	E. CAPACITOR 25V 10U	3	
C2509		ECA1CFQ121	E. CAPACITOR 16V 120U	1	
C2510		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C2511		ECUX1H332KBV	C. CAPACITOR CH 50V 330OP	1	
C2512		ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2513-15		ECUM1E224Z FM	C. CAPACITOR CH 25V 0.22U	3	
C2516-18		ECEV1HVZR2S	E. CAPACITOR 50V 2.2U	3	
C2519-22		ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	4	
C2523		ECA1EFQ221	E. CAPACITOR 16V 220U	1	
C2524		ECEV1EV33OS	E. CAPACITOR 25V 33U	1	
C2525		ECUX1E4732 FV	C. CAPACITOR CH 25V 0.047U	1	
C2526		BRA1AFQ181	E. CAPACITOR 10V 180U	1	
C2527		ECUX1H221JCV	C. CAPACITOR CH 50V 22OP	1	
C2528, 29		ECUX1H561KXB	C. CAPACITOR CH 50V 56OP	2	
C2530		ECUX1H820JCVC	C. CAPACITOR CH 50V 82P	1	
C2531, 32		ECST1CY105	T. CAPACITOR 16V 1U	2	
C2533-36		ECA1CFQ121	E. CAPACITOR 16V 120U	4	
C2537		ECA1AFQ181	E. CAPACITOR 10V 180U	1	
C2538		ECEV1CV47OS	E. CAPACITOR 16V 47U	1	
C2539		ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2540		ECEV1CV47OS	E. CAPACITOR 16V 47U	1	
C2541		ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2550		ECA1CFQ121	E. CAPACITOR 16V 120U	1	
C2551		ECUX1C153KBV	C. CAPACITOR CH 16V 0.015U	1	
C2552		ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2557, 58		ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C2561		ECEV1EV33OS	E. CAPACITOR 25V 33U	1	
C2562		ECUX1H560JCVC	C. CAPACITOR CH 50V 56P	1	
C2563		ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C2564		ECEV1E1N100S	E. CAPACITOR 25V 10U	1	
C2565		ECUX1H101JCVC	C. CAPACITOR CH 50V 10OP	1	
C2566		ECEV1EN4R7S	E. CAPACITOR 25V 4.7U	1	
C2567, 68		ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	2	
C2569-74		ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	6	
C2575-77		ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	3	
C2578, 79		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C2580-82		ECUX1E4732 FV	C. CAPACITOR CH 25V 0.047U	3	
C2583		ECEV1HVR47SR	E. CAPACITOR 10V 33U	1	
C2584-86		ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	3	
C2587		ECEV1HVR47SR	E. CAPACITOR 10V 33U	1	
C2588, 89		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C2590-92		ECUX1E4732 FV	C. CAPACITOR CH 25V 0.047U	3	
C2593		ECEV1EV33OS	E. CAPACITOR 25V 33U	1	
C2594, 95		ECST1CY105	T. CAPACITOR 16V 1U	2	
C2596-01		ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	6	
C2602-04		ECKF1H472ZF	C. CAPACITOR CH 50V 470OP	3	
D2501-03		MA141K	DIODE	3	
D2504		MA143	DIODE	1	
D2505		MA141K	DIODE	1	
D2508		MA141K	DIODE	1	
D2509		RK34	DIODE	1	
D2510		MA141K	DIODE	1	
D2511		MA701A	DIODE	1	
D2512		MA141K	DIODE	1	
D2513		MA701A	DIODE	1	
D2514		MA141K	DIODE	1	
D2515		MA701A	DIODE	1	
D2516		MA141K	DIODE	1	
D2517		MA701A	DIODE	1	
D2518		MA143	DIODE	1	
D2531, 32		MA141K	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D2534	MA141K	DIODE	1	
D2535	MA143	DIODE	1	
D2536	MA3062M	DIODE	1	
D2537	MA704	DIODE	1	
D2538	MA141WA	DIODE	1	
D2539	MA141K	DIODE	1	
D2540	MA143	DIODE	1	
D2541	MA141WA	DIODE	1	
D2542	MA141K	DIODE	1	
F2501	EYP2BN126	FUSE	1	
IC2501	TA7712F	IC	1	
IC2503	BA61491S	IC	1	
IC2504	BA6435S	IC	1	
IC2509	UPC4741G2	IC	1	
IC2510	NJM4558M	IC	1	
IC2511	MC14538BF	IC	1	
IC2512,13	AN3834K	IC	2	
L2501	ELC10B006	COIL 150UH	1	
L2502,03	VLQ0319K221	COIL 220UH	2	
L2504	ELC10B006	COIL 150UH	1	
L2505-08	ELC10E014	COIL	4	
L2509,10	VLQ0319K470	COIL 47UH	2	
F2501,02	VJP3387	CONNECTOR (MALE)	2	
Q2501	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2502	2SB930	TRANSISTOR	1	
Q2503-08	2SK1059-Z	TRANSISTOR	6	
Q2509-11	UN5213	TRANSISTOR	3	
Q2512	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2513,14	1RF9020	TRANSISTOR	2	
Q2515	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2516	1RF9020	TRANSISTOR	1	
Q2517	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2518	1RF9020	TRANSISTOR	1	
Q2519	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2520	1RF9020	TRANSISTOR	1	
Q2521	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2522	1RF9020	TRANSISTOR	1	
Q2529	2SD1819A	TRANSISTOR	1	
Q2530,31	UN5213	TRANSISTOR	2	
Q2532	UN5113	TRANSISTOR	1	
Q2533	UN5213	TRANSISTOR	1	
Q2534	2SB1218A	TRANSISTOR	1	
Q2535,36	UN5213	TRANSISTOR	2	
Q2537	UN5113	TRANSISTOR	1	
		RESISTORS		
R2506	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2509	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R2510	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2511-16	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	6	
R2517-19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R2520	ERK1SJR20	M.RESISTOR 1W 0.20	1	
R2526,27	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R2528,29	ERJ8GCYJ1R2	M.RESISTOR CH 1/8W 1.2	2	
R2530	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2531	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R2532	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2533	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2534	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1						
R2535	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1						
R2536	ERJ3GEYJ472	M. RESISTOR CH 1/16W 4.7K	1						
R2537	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1						
R2538	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1						
R2541	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1						
R2542-46	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	5						
R2547	ERJ3GEYJ820	M. RESISTOR CH 1/16W 82	1						
R2548	ERJ3GEYJ470	M. RESISTOR CH 1/16W 47	1						
R2569, 70	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	2						
R2571	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1						
R2572	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1						
R2573	ERJ3GEYJ272	M. RESISTOR CH 1/16W 2.7K	1						
R2574	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1						
R2575	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1						
R2576-78	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3						
R2590, 91	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	2						
R2592	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1						
R2593	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1						
R2594	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1						
R2595	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1						
R2596	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1						
R2597	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1						
R2598	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1						
R2599	ERJ3GEYJ474	M. RESISTOR CH 1/16W 470K	1						
R2600	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1						
R2601	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1						
R2602	ERJ3GEYJ184	M. RESISTOR CH 1/16W 180K	1						
R2605	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1						
R2606	ERJ8GCYJ1R0	M. RESISTOR CH 1/8W 1.0	1						
R2607	ERJ8GCYJ1R2	M. RESISTOR CH 1/8W 1.2	1						
R2608-10	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	3						
R2611	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1						
R2612	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1						
R2613	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1						
R2614	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1						
R2615	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1						
R2616	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1						
R2617-19	ERJ3GEYJ330	M. RESISTOR CH 1/16W 33	3						
R2620	ERJ8GCYJ1R2	M. RESISTOR CH 1/8W 1.2	1						
R2621	ERJ8GCYJ1R0	M. RESISTOR CH 1/8W 1.0	1						
R2622	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1						
R2623	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1						
R2624	ERJ3GEYJ152	M. RESISTOR CH 1/16W 1.5K	1						
R2625	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1						
R2626	ERJ3GEYJ333	M. RESISTOR CH 1/16W 33K	1						
R2627	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	1						
R2628	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1						
R2629, 30	ERX1SJR20	M. RESISTOR 1W 0.20	2						
R2631	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1						
R2632	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	1						
R2633	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1						
R2634-36	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3						
R2637, 38	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	2						
R2640	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1						
R2641	ERJ3GEYJ183	M. RESISTOR CH 1/16W 18K	1						
TP2501	VJR0548	TEST POINT	1						
TPG2501	VJR0548	TEST POINT	1						
X2501	VSX0136	CRYSTAL OSCILLATOR	1						
		MISCELLANEOUS							
	VMP3349	P.C. BOARD HOLDER ANGLE	1						
	XSB2+4FZ	SCREW	3						
	XSB2+6FZ	SCREW	4						
	UGU5695	P.C. BOARD FULLER	1						

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP81063A	P.C. BOARD W/COMPONENT		
		REC POWER		
		CAPACITORS		
C1001,02	ECALFQ221	E. CAPACITOR 25V 220U	2	
C1003	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1004	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C1005	ECEV0JV220S	E. CAPACITOR 6.3V 22U	1	
C1006	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1007	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1008	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1009	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1010	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1011	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1012	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C1013	ECEV0JV220S	E. CAPACITOR 6.3V 22U	1	
C1014	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1015	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1016	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1017	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1018	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1019	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1020	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C1021	ECEV0JV220S	E. CAPACITOR 6.3V 22U	1	
C1022	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1023	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1024	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1025	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1026	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1027	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1028	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	1	
C1029	ECEV0JV220S	E. CAPACITOR 6.3V 22U	1	
C1030	ECUM1H471KBN	C. CAPACITOR CH 50V 470P	1	
C1031	ECUM1H103KBN	C. CAPACITOR CH 50V 0.01U	1	
C1032	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1033	ECEV1HV3R3S	E. CAPACITOR 50V 3.3U	1	
C1034	ECALCFQ331	E. CAPACITOR 16V 330U	1	
C1035	ECALCFQ271	E. CAPACITOR 16V 270U	1	
C1036	ECALCFQ331	E. CAPACITOR 16V 330U	1	
C1037-41	ECALCFQ121	E. CAPACITOR 16V 120U	5	
C1042	ECALCFQ271	E. CAPACITOR 16V 270U	1	
C1043	ECALCFQ121	E. CAPACITOR 16V 120U	1	
C1044,45	ECALJFE120	E. CAPACITOR 63V 12U	2	
C1046,47	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C1048	ECALFQ181	E. CAPACITOR 25V 180U	1	
C1049	ECALFQ820	E. CAPACITOR 25V 82U	1	
C1050-53	ECALCFQ121	E. CAPACITOR 16V 120U	4	
C1054-59	ECUM1H150JCN	C. CAPACITOR CH 50V 15P	6	
D1002	MA151K	DIODE	1	
D1003	DE5SC4M-4061	DIODE	1	
D1004	MA151K	DIODE	1	
D1005	MA738	DIODE	1	
D1006	MA151K	DIODE	1	
D1007	MA738	DIODE	1	
D1008	MA151K	DIODE	1	
D1009	MA738	DIODE	1	
D1010	MA151K	DIODE	1	
D1011	MA738	DIODE	1	
D1012	MA151K	DIODE	1	
D1013	SFPL-52	DIODE	1	
D1014	SFPB-59	DIODE	1	
D1015	MA738	DIODE	1	
D1016,17	MA3240-L	DIODE	2	
D1018	MA151K	DIODE	1	
D1019	MA738	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC1001-04	TL1451CNS	IC	4	
IC1006	TL7700CPS	IC	1	
L1001,02	VLQ0546	COIL 50UH	2	
L1003	VLQ0214	COIL 50UH	1	
L1004	ELC10B015	COIL	1	
L1005	ELC08G003	COIL	1	
L1006	ELC08D050	COIL	1	
L1007	ELC08G003	COIL	1	
L1008	ELC08D050	COIL	1	
L1009	ELC08G003	COIL	1	
L1010	ELC08D050	COIL	1	
L1011	ELC08G003	COIL	1	
L1012	VLQ0319K470	COIL 47UH	1	
L1013,14	ELC08G003	COIL	2	
L1015	ELC08D050	COIL	1	
L1016	ELC08G003	COIL	1	
P1001	VJP2898B050	CONNECTOR (MALE)	1	
Q1001	UN2213	TRANSISTOR-RESISTOR	1	
Q1002	2SJ176	TRANSISTOR	1	
Q1003-05	UN2213	TRANSISTOR-RESISTOR	3	
Q1006,07	2SB709	TRANSISTOR CHIP	2	
Q1008-10	UN2213	TRANSISTOR-RESISTOR	3	
Q1011,12	2SB709	TRANSISTOR CHIP	2	
Q1013-15	UN2213	TRANSISTOR-RESISTOR	3	
Q1016-19	2SB709	TRANSISTOR CHIP	4	
Q1020,21	2SD601	TRANSISTOR CHIP	2	
Q1022	2SB709	TRANSISTOR CHIP	1	
Q1023	2SD601	TRANSISTOR CHIP	1	
Q1024	2SB709	TRANSISTOR CHIP	1	
Q1025	2SK1059-2	TRANSISTOR	1	
Q1026	2SD601	TRANSISTOR CHIP	1	
Q1027	IRFR9020	TRANSISTOR	1	
Q1028	2SD601	TRANSISTOR CHIP	1	
Q1029	IRFR9020	TRANSISTOR	1	
Q1030	2SD601	TRANSISTOR CHIP	1	
Q1031	IRFR9020	TRANSISTOR	1	
Q1032	2SD601	TRANSISTOR CHIP	1	
Q1033	IRFR9020	TRANSISTOR	1	
Q1034	2SD601	TRANSISTOR CHIP	1	
Q1035	IRFR9020	TRANSISTOR	1	
Q1036	2SD1280-R	TRANSISTOR	1 (R)	
Q1037	2SB709	TRANSISTOR CHIP	1	
Q1038	2SD601	TRANSISTOR CHIP	1	
Q1039	IRFR9020	TRANSISTOR	1	
Q1040,41	2SD601	TRANSISTOR CHIP	2	
Q1042	2SB709	TRANSISTOR CHIP	1	
Q1043	2SD601	TRANSISTOR CHIP	1	
Q1044	2SB709	TRANSISTOR CHIP	1	
Q1045	2SD601	TRANSISTOR CHIP	1	
Q1046	2SB709	TRANSISTOR CHIP	1	
Q1047	2SD601	TRANSISTOR CHIP	1	
Q1048	2SB709	TRANSISTOR CHIP	1	
Q1049	2SD601	TRANSISTOR CHIP	1	
		RESISTORS		
R1001	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1002	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R1003-06	VRE0034E333	M.RESISTOR CH 1/10W 33K	4	
R1007	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1008	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	1	
R1009	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	

NTSC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1010	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1		T1001	VLTO650	TRANSFORMER	1	
R1011	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1						
R1012	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1013	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1						
R1014,15	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2		VR1001-05	VRW0161B502	V.RESISTOR 5K	5	
R1016	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1		VR1006	VRW0161B202	V.RESISTOR 2K	1	
R1017	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1						
R1018	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1019-22	VRE0034E333	M.RESISTOR CH 1/10W 33K	4						
R1023	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1				MISCELLANEOUS		
R1024	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1			VML2144	CARD PULLER	1	
R1025	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1			VSC3747	SHIELD CASE	1	
R1026,27	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	2			VSC3748	SHIELD CASE	1	
R1028	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1			XYN3+K6RS	SCREW	4	
R1029	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1			XYN26+C12FZ	SCREW	2	
R1030	ERJ6GEYJ363	M.RESISTOR CH 1/10W 36K	1			XNG26BFZ	NUT	2	
R1031	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1			XYNV3+K8S	SCREW	1	
R1032	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1033	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1						
R1034	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1035-38	VRE0034E333	M.RESISTOR CH 1/10W 33K	4						
R1039	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1						
R1040	ERJ6GEYJ912	M.RESISTOR CH 1/10W 9.1K	1						
R1041	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1						
R1042	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1043	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1						
R1044	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1045	ERJ6GEYJ302	M.RESISTOR CH 1/10W 3K	1						
R1046	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1						
R1047	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1						
R1048	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1049	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1						
R1050	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1051,52	VRE0034E333	M.RESISTOR CH 1/10W 33K	2						
R1053	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1						
R1054	VRE0034E183	M.RESISTOR CH 1/10W 18K	1						
R1055	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1						
R1056,57	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	2						
R1058,59	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2						
R1060,61	VRE0078	M.RESISTOR	2						
R1062	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1						
R1063,64	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2						
R1065	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1						
R1066	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1						
R1067	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1						
R1068	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1						
R1069-71	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	3						
R1072	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1						
R1073	VRE0078	M.RESISTOR	1						
R1074	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1						
R1076-81	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	6						
R1085	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1						
R1086	ERJ6GEYG394	M.RESISTOR CH 1/10W 39K	1						
R1087	VRE0034E223	M.RESISTOR CH 1/10W 22K	1						
R1088	VRE0034E222	M.RESISTOR CH 1/10W 2.2K	1						
R1089	VRE0072FOR1	M.RESISTOR CH 1/10W 0.1	1						
R1090	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1						
R1091,92	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2						
R1093	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1						
R1094	VRE0078	M.RESISTOR	1						
R1095,96	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2						
R1097	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1						
R1098	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1099	VRE0078	M.RESISTOR	1						
R1100	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1101	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1						
R1102	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1103	VRE0078	M.RESISTOR	1						
R1104	ERJ6GEYJ823	M.RESISTOR CH 1/10W 82K	1						
R1105	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1						
R1106	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1						
R1109,10	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2						

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP80722B	P.C. BOARD W/COMPONENT			Q4403	2SD1819A	TRANSISTOR	1	
		JACK1			Q4404	2SB1218	TRANSISTOR	1	
					Q4405, 06	2SD1819A	TRANSISTOR	2	
					Q4407	2SB1218	TRANSISTOR	1	
					Q4408, 09	2SD1979	TRANSISTOR	2	
					Q4410	2SC3930	TRANSISTOR	1	
					Q4411	2SB710A	TRANSISTOR	1	(T.W)
					Q4412, 13	UN5213	TRANSISTOR	2	
					Q4414	2SB710A	TRANSISTOR	1	(T.W)
					Q4415, 16	UN5213	TRANSISTOR	2	
					Q4417	2SD1979	TRANSISTOR	1	
		CAPACITORS					RESISTORS		
C4401, 02	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2		R4401, 02	ERJ6GEYJ682	M. RESISTOR CH 1/10W 6.8K	2	
C4403, 04	ECEV1HV100S	E. CAPACITOR 50V 10U	2		R4403, 04	VRE0034E183	M. RESISTOR CH 1/10W 18K	2	
C4405, 06	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		R4405	VRE0034E242	M. RESISTOR CH 1/10W 2.4K	1	
C4407	ECEV1CV470S	E. CAPACITOR 16V 47U	1		R4406	VRE0034E392	M. RESISTOR CH 1/10W 3.9K	1	
C4408	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4407, 08	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	2	
C4409	ECEV1CV470S	E. CAPACITOR 16V 47U	1		R4409	VRE0034E101	M. RESISTOR CH 1/10W 100	1	
C4410	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4410	VRE0034E102	M. RESISTOR CH 1/10W 1K	1	
C4411, 12	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2		R4413, 14	VRE0034E472	M. RESISTOR CH 1/10W 4.7K	2	
C4413, 14	ECEV1HV100S	E. CAPACITOR 50V 10U	2		R4415, 16	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	2	
C4415, 16	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		R4417	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
C4417	ECEV1CV470S	E. CAPACITOR 16V 47U	1		R4418	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
C4418	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4420	ERJ6GEYJ332	M. RESISTOR CH 1/10W 3.3K	1	
C4419	ECEV1CV470S	E. CAPACITOR 16V 47U	1		R4421, 22	ERJ6GEYJ682	M. RESISTOR CH 1/10W 6.8K	2	
C4420	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4423, 24	VRE0034E183	M. RESISTOR CH 1/10W 18K	2	
C4421	ECEV1HV100S	E. CAPACITOR 50V 10U	1		R4425	VRE0034E242	M. RESISTOR CH 1/10W 2.4K	1	
C4422, 23	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2		R4426	VRE0034E392	M. RESISTOR CH 1/10W 3.9K	1	
C4424	ECEV1CV470S	E. CAPACITOR 16V 47U	1		R4427, 28	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	2	
C4425	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4429	VRE0034E101	M. RESISTOR CH 1/10W 100	1	
C4426	ECEV1CV470S	E. CAPACITOR 16V 47U	1		R4430	VRE0034E102	M. RESISTOR CH 1/10W 1K	1	
C4427, 28	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2		R4433, 34	VRE0034E472	M. RESISTOR CH 1/10W 4.7K	2	
C4429	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1		R4435, 36	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	2	
C4430	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4437	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
C4431	ECEV1AN100S	E. CAPACITOR 10V 10U	1		R4438	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
C4432	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4440	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
C4434	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4441-44	ERJ3GEYJ473	M. RESISTOR CH 1/16W 47K	4	
C4435	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		R4445, 46	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	2	
C4436	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4447	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	1	
C4437	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		R4448, 49	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	2	
C4438	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4450, 51	ERJ3GEYJ393	M. RESISTOR CH 1/16W 39K	2	
C4439	ECEV1AN100S	E. CAPACITOR 10V 10U	1		R4452	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1	
C4440	ECUX1H681KBV	C. CAPACITOR CH 50V 680P	1		R4453	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1	
C4441	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R4454	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
C4442	ECEV1CV100S	E. CAPACITOR 16V 10U	1		R4455	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
C4443, 44	ECUX1H472KBV	C. CAPACITOR CH 50V 4700P	2		R4456	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1	
C4445-48	ECEV1CV470S	E. CAPACITOR 16V 47U	4		R4457	ERJ3GEYJ392	M. RESISTOR CH 1/16W 3.9K	1	
C4449	ECEV1AN330SP	E. CAPACITOR 6.3V 330U	1		R4458	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
C4450, 51	ECST1CB4752	T. CAPACITOR 16V 4.7U	2		R4459	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
C4452	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1		R4460	ERJ3GEYJ105	M. RESISTOR CH 1/16W 1M	1	
					R4461	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	1	
					R4462	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
					R4463	ERJ3GEYJ182	M. RESISTOR CH 1/16W 1.8K	1	
					R4464	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
					R4465	ERJ3GEYJ100	M. RESISTOR CH 1/16W 10	1	
					R4466	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
					R4467	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
					R4468-70	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
					R4471	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
					R4472, 73	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	2	
					R4474-76	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	3	
					R4477	ERJ3GEYJ102	M. RESISTOR CH 1/16W 1K	1	
					R4478, 79	VRE0034E750	M. RESISTOR CH 1/10W 75	2	
					R4480	ERJ3GEYJ682	M. RESISTOR CH 1/16W 6.8K	1	
					R4481, 82	ERJ3GEYJ101	M. RESISTOR CH 1/16W 100	2	
					R4483	ERJ3GEYJ222	M. RESISTOR CH 1/16W 2.2K	1	
					R4484	VRE0034E132	M. RESISTOR CH 1/10W 1.3K	1	
					R4485	ENDS2TJ101	C. RESISTOR 1/4W	100	1
Q4401	2SD1819A	TRANSISTOR	1						
Q4402	2SB1218	TRANSISTOR	1		SW4401	VSS0228	SWITCH	1	

NTSC

[illegible]

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP80723A	P.C. BOARD W/COMPONENT		
			JACK 2		
			CAPACITORS		
C3302		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3303		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3304		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3305.06		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3307.08		ECST1CB475Z	T. CAPACITOR 16V 4.7U	2	
C3309.10		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3311.12		ECST1CB475Z	T. CAPACITOR 16V 4.7U	2	
C3313.14		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3315		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3316		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3317		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3318		ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3319		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3320		ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3321.22		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3323		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3324		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3325		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3326		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3327		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C3328		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3329		ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C4501-03		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C4504		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4505		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4506		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4507		ECEA1KA221	E. CAPACITOR 10V 220U	1	
C4508		ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C4509		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4510		ECEA1KA221	E. CAPACITOR 10V 220U	1	
C4511		ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C4512-14		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C4515		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4516		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4517		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4518		ECEA1KA221	E. CAPACITOR 10V 220U	1	
C4519		ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C4520		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4521		ECEA1KA221	E. CAPACITOR 10V 220U	1	
C4522		ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C4523		ECEVOJV101S	E. CAPACITOR 6.3V 100U	1	
C4524.25		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C4526.27		ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C4528		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4529.30		ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C4531		ECEVOJV220S	E. CAPACITOR 6.3V 22U	1	
C4532		ECEVOJV101S	E. CAPACITOR 6.3V 100U	1	
C4533-36		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	4	
C4537		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4538		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
C4539		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4540		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
C4541		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4542		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
C4543.44		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C4545		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4546		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
C4547		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4548		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
C4549		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4550		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
C4551.52		ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C4553		ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4554		ECEVIAN330SP	E. CAPACITOR 6.3V 330U	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4555	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4556, 57	ECEV1AN330SP	E. CAPACITOR 6.3V 330U	2	
C4558, 59	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C4560	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4561, 62	ECEV1AN330SP	E. CAPACITOR 6.3V 330U	2	
C4563, 64	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C4565	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4566	ECEV1AN330SP	E. CAPACITOR 6.3V 330U	1	
C4567-70	ECEV1CV470S	E. CAPACITOR 16V 47U	4	
C4571	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4573, 74	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C4575	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4576, 77	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C6901, 02	ECEV1EM4R7S	E. CAPACITOR 25V 4.7U	2	
C6903	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6904	ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C6905	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6906, 07	ECST1CB475Z	T. CAPACITOR 16V 4.7U	2	
C6908	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6909	ECEV1HVO10S	E. CAPACITOR 50V 1U	1	
C6910	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6911	ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C6912	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6913	ECST1CB475Z	T. CAPACITOR 16V 4.7U	1	
C6925	ECST1EY105Z	T. CAPACITOR 25V 1U	1	
C6926, 27	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
D4501, 02	MA141WK	DIODE	2	
D4503	MA143	DIODE	1	
D6901-03	MA143	DIODE	3	
IC3301-03	CXA1451M	IC	3	
IC4501	MC14053BF	IC	1 (R)	
IC4502	NJM4580ED	IC	1	
IC4503	NJM5532MD	IC	1	
IC4504	MC14053BF	IC	1 (R)	
IC4505	NJM4580ED	IC	1	
IC4506	NJM5532MD	IC	1	
IC4507-12	NJM4580ED	IC	6	
IC6901	NJM2060M	IC	1	
IC6902	PC74HC123T	IC	1	
IC6903	NJM4556MB	IC	1	
IC6904	NJM78L12UA	IC	1	
IC6905	PC74HC08T	IC	1	
L3301, 02	VLQ0319K100	COIL 10UH	2	
LA501	VLQ0319K220	COIL 22UH	1	
P801	VJS2907D018	CONNECTOR (FEMALE)	1	
P802, 03	VJS2907D020	CONNECTOR (FEMALE)	2	
P805	VJP2741B030	CONNECTOR (MALE)	1	
P806	VJP1608T	CONNECTOR (MALE)	1	
P809-14	VJP1596T	CONNECTOR (MALE) 3P	6	
P815	VJP1603T	CONNECTOR (MALE) 10P	1	
P816	VJP1596T	CONNECTOR (MALE) 3P	1	
P817	VJP1603T	CONNECTOR (MALE) 10P	1	
P818	VJP1610T	CONNECTOR	1	
P819	VJP1599T	CONNECTOR (MALE) 6P	1	
P820	VJP1611T	CONNECTOR (MALE)	1	
Q3302	2SA1532-B	TRANSISTOR	1 (B)	
Q4501-06	2SD1979	TRANSISTOR	6	
Q4507, 08	UN5213	TRANSISTOR	2	
Q4509	2SD1819A	TRANSISTOR	1	
Q4510	2SB1219	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q4511	2SB1218	TRANSISTOR	1	
Q4512	UN5213	TRANSISTOR	1	
Q4513	2SD1819A	TRANSISTOR	1	
Q4514	2SB1218	TRANSISTOR	1	
Q4515-17	UN5213	TRANSISTOR	3	
Q4518,19	2SB1219	TRANSISTOR	2	
Q6901	UN5213	TRANSISTOR	1	
		RESISTORS		
R3302	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3304	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3306	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3307-10	VRE0034E151	M.RESISTOR CH 1/10W 150	4	
R3311	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3316	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3317-20	VRE0034E151	M.RESISTOR CH 1/10W 150	4	
R3324	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3325	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3326	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R3327	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3333-39	VRE0034E750	M.RESISTOR CH 1/10W 75	7	
R3341, 42	VRE0034E750	M.RESISTOR CH 1/10W 75	2	
R3344-46	VRE0034E750	M.RESISTOR CH 1/10W 75	3	
R3348	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R3349	VRE0034E122	M.RESISTOR CH 1/10W 1.2K	1	
R4501	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4502	VRE0034E152	M.RESISTOR CH 1/10W 5.6K	1	
R4503	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R4504	ERJ6GEYR00	M.RESISTOR CH 1/10W 0	1	
R4505,06	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4507	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4508	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4509	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4510	VRE0034E152	M.RESISTOR CH 1/10W 1.5K	1	
R4511	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4512,13	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4514	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4515	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4516-19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R4520	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4521	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4522	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
R4523	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R4524	ERJ6GEYR00	M.RESISTOR CH 1/10W 0	1	
R4525,26	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4529	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4530	VRE0034E152	M.RESISTOR CH 1/10W 1.5K	1	
R4531	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4532,33	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4534	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4535	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4536-39	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R4540-42	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4543,44	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R4545	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4546	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4547	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4548,49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4550	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4552,53	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4555,56	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4557-60	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	4	
R4561,62	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4564	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4565	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4566	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R4567	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4568	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4569	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100		

PARTS-42

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP86111B	P.C. BOARD W/COMPONENT			IC6609	PC74HC32T	IC	1	
		TC & OPERATE			IC6610	MN51040VP1	IC	1	
					IC6611	MC14053BF	IC	1	(R)
					IC6612	NJM4558M	IC	1	
					IC6613	NJM319M	IC	1	
					IC6614	PC74HC32T	IC	1	
					IC6616	PC74HCU04T	IC	1	
					IC6617	TC4S66F	IC	1	
					IC6621	NJM4558M	IC	1	
					IC6622, 23	MC74HC164F	IC	2	
BAT6501	VSB0140	BATTERY	1		IC6624	PC74HCU04T	IC	1	
					IC6625	PC74HC73T	IC	1	
					IC6627	MM74HC221AM	IC	1	
					IC6628	VS11235	IC	1	
		CAPACITORS			IC6629	PC74HC86T	IC	1	
C6550, 51	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2		IC6630	MM74HC221AM	IC	1	
C6554, 55	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2		IC6632	PC74HC4053T	IC	1	
C6556	ECEAOJKA221	E. CAPACITOR 6.3V 220U	1		IC6633	NJM78L05UA	IC	1	
C6557, 58	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2		IC6604F	VJF1046	IC	1	
C6559	ECST1AD476Z	T. CAPACITOR 10V 47U	1		IC6550S	VJS31632008	IC SOCKET	1	
C6601, 02	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		IC6604S	VJS3427X028	CONNECTOR (FEMALE)	1	
C6604-19	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	16						
C6620	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1						
C6621	ECUX1H180JCV	C. CAPACITOR CH 50V 18P	1						
C6622, 23	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	2						
C6624	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		L6601-03	VLQ0319K220	COIL 22UH	3	
C6625, 26	ECST1OC106Z	T. CAPACITOR 16V 10U	2						
C6629, 30	ECST1OC106Z	T. CAPACITOR 16V 10U	2						
C6631	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1		P6601	VJS2125	CONNECTOR	1	
C6632	ECUX1H182KBF	C. CAPACITOR CH 50V 1800P	1		P6602	VJS2123	CONNECTOR (FEMALE)	1	
C6633, 34	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2		P6603	VJS2125	CONNECTOR	1	
C6635	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		P6605	VJP1603T	CONNECTOR (MALE) 10P	1	
C6636-38	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3		P6606, 07	VJP3419	CONNECTOR (MALE)	2	
C6645	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		P6611	VJP1598T	CONNECTOR (MALE) 5P	1	
C6646	ECST1AD476Z	T. CAPACITOR 10V 47U	1		P6613	VJP1596T	CONNECTOR (MALE) 3P	1	
C6647	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1						
C6648	ECST1OC106Z	T. CAPACITOR 16V 10U	1						
C6649-51	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3						
C6652	ECST1AD476Z	T. CAPACITOR 10V 47U	1		Q6550-56	UN5211	TRANSISTOR	7	
C6653	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		Q6557	UN5113	TRANSISTOR	1	
C6654	ECST1AD476Z	T. CAPACITOR 10V 47U	1		Q6568	UN5111	TRANSISTOR	1	
C6655	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		Q6601	2SC3938	TRANSISTOR	1	
C6660	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		Q6602	UN5213	TRANSISTOR	1	
C6661	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		Q6603	2SD1979	TRANSISTOR	1	
C6662	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1		Q6606	UN5213	TRANSISTOR	1	
C6663	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1						
C6664, 65	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2						
C6666	ECST1CD226	T. CAPACITOR CH 16V 22U	1				RESISTORS		
C6667	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R6550-57	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	8	
C6668	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1		R6558-64	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	7	
C6669	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1		R6567	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
					R6568	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
					R6569	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
D6550	MA141WK	DIODE	1		R6571	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
D6552, 53	MA141WK	DIODE	2		R6572, 73	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
D6555-59	MA141WK	DIODE	5		R6574, 75	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
D6560	LN28CALUS	DIODE	1		R6601-06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
D6561-63	LN21CALU	LED	3		R6607	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
D6564, 65	LN28CALUS	DIODE	2		R6608	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
D6566	LN21CALU	LED	1		R6609, 10	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
D6567	LN28CALUS	DIODE	1		R6611	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
D6601	MA141K	DIODE	1		R6612-18	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	7	
					R6619	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
					R6620	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
					R6621	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
IC6550	VS11240	IC	1		R6623	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC6551	TC74HC4094AF	IC	1		R6625	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
IC6601	UPD78C10GF	IC	1		R6626	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
IC6603	MC74HC373F	IC	1		R6627, 28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
IC6604	VS11234B	IC	1		R6629	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
IC6605	MB8421-90LPF	IC	1		R6630	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
IC6606	PC74HC08T	IC	1		R6631	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
IC6607	MC74HC574AF	IC	1		R6632-34	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	3	
IC6608	PC74HC138T	IC	1		R6635	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83148D	P.C. BOARD W/COMPONENT PBO			R3011,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
					R3013	VRE0034E221	M.RESISTOR CH 1/10W 220	1	
					R3014	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
					R3015,16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
					R3017	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
					R3018	VRE0034E330	M.RESISTOR CH 1/10W 33	1	
					R3019-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
					R3023	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
					R3024	VRE0034E330	M.RESISTOR CH 1/10W 33	1	
					R3025-28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
					R3029,30	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
		CAPACITORS			R3031	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
C3001	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1		R3032	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
C3002,03	ECUX1H040CCV	C.CAPACITOR CH 50V 4P	2		R3033,34	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
C3004	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1		R3035,36	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
C3005,06	ECUX1H040CCV	C.CAPACITOR CH 50V 4P	2		R3037	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
C3007-14	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	8		R3038	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
C3016	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1		R3039	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
C3017	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1		R3041	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
C3019	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1		R3042	VRE0034E820	M.RESISTOR CH 1/16W 82	1	
C3021,22	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2		R3043,44	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
C3024-64	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	41		R3045-47	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
C3065-71	ECEVOJV101S	E.CAPACITOR 6.3V 100U	7		R3049	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
C3072-77	ECEVOJV220S	E.CAPACITOR 6.3V 22U	6		R3050	VRE0034E820	M.RESISTOR CH 1/16W 82	1	
C3078-86	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	9		R3051,52	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
C3087	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1		R3053-55	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
					R3056	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
					R3057	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
D3001,02	FC54M-5	DIODE	2		R3058	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
D3005,06	MA143	DIODE	2		R3059-61	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
D3007,08	1SS154	DIODE	2		R3062	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
					R3063	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
					R3064	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
					R3065-69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
FL3001,02	VLF0931	COIL	2		R3070-73	VRE0034E101	M.RESISTOR CH 1/10W 100	4	
					R3074	VRE0034E331	M.RESISTOR CH 1/10W 330	1	
					R3075,76	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
					R3077	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
IC3001,02	MB10HL116PFF	IC	2		R3078-83	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
IC3003,04	VCR0354	IC	2		R3084-87	VRE0034E101	M.RESISTOR CH 1/10W 100	4	
IC3005	MB10HL107PFF	IC	1		R3088	VRE0034E331	M.RESISTOR CH 1/10W 330	1	
IC3006	MB10HL116PFF	IC	1		R3089,90	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
IC3007	L7A0754	IC	1		R3091	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
IC3008	MB10HL107PFF	IC	1		R3092-96	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
IC3009	MB10HL116PFF	IC	1		R3097	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3010	L7A0754	IC	1		R3098-02	VRE0034E101	M.RESISTOR CH 1/10W 100	5	
IC3011,12	NJM062M	IC	2		R3103	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3013	VSC3K1128FL	IC	1		R3104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC3014	L7A0755	IC	1		R3105	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3015	VSC3K1128FL	IC	1		R3106-10	VRE0034E101	M.RESISTOR CH 1/10W 100	5	
IC3016	L7A0755	IC	1		R3111	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3017,18	MC74HC541F	IC	2		R3112	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC3020,21	MB10HL116PFF	IC	2		R3113,14	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
IC3022,23	MC74HC541F	IC	2		R3115	VRE0034E272	M.RESISTOR CH 1/10W 2.7K	1	
IC3024	PC74HC4053T	IC	1		R3116	VRE0034E821	M.RESISTOR CH 1/10W 820	1	
					R3117,18	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
					R3119	VRE0034E272	M.RESISTOR CH 1/10W 2.7K	1	
					R3120	VRE0034E821	M.RESISTOR CH 1/10W 820	1	
L3003,04	VLQ0319K100	COIL 10UH	2		R3121	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
L3005,06	VLQ0163JRB2	COIL 0.82UH	2		R3122	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3123-28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
					R3129	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3130-43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	14	
P3001-03	VJP3387	CONNECTOR (MALE)	3		R3144	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3145	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
					R3146	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3147	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
					R3148	VRE0034E511	RESISTOR	1	
		RESISTORS			R3149	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3001,02	ERSB22J242	.RESISTOR	2		R3150	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3003	VRE0034E750	M.RESISTOR CH 1/10W 75	1		R3151	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3004,05	VRE0034E101	M.RESISTOR CH 1/10W 100	2		R3153	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3006	VRE0034E750	M.RESISTOR CH 1/10W 75	1		R3154	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3007,08	VRE0034E101	M.RESISTOR CH 1/10W 100	2		R3155	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3009	VRE0034E221	M.RESISTOR CH 1/10W 220	1		R3156	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R3010	VRE0034E750	M.RESISTOR CH 1/10W 75	1						

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83149B	P.C. BOARD W/COMPONENT		
		PB1		
	VEP83154B	P.C. BOARD W/COMPONENT		FOR VEP83149B
		PB1 SUB		
		CAPACITORS		
C3000	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1	
C3001-43	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	43	
C3050	ECQ81H103JF	P. CAPACITOR 50V 0.01U	1	
C4100-38	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	39	
FL3001	VLF0931	COIL	1	
IC3001	M5257J-35	IC	1	
IC3002.03	M51004J-35	IC	2	
IC3004	M5257J-35	IC	1	
IC3005.06	M51004J-35	IC	2	
IC3007	M5257J-35	IC	1	
IC3008.09	M51004J-35	IC	2	
IC3010	M5257J-35	IC	1	
IC3011.12	M51004J-35	IC	2	
IC3013	M5257J-35	IC	1	
IC3014.15	M51004J-35	IC	2	
IC3016	M5257J-35	IC	1	
IC3017.18	M51004J-35	IC	2	
IC3019	UPD65664G039	IC	1	
IC3020	L7A0855	IC	1	
IC3021	PC74HC04T	IC	1	
IC3022	L7A0754	IC	1	
IC3023-28	TMS4C1060D3	IC	6	
IC3029	VS11171	IC	1	
IC3030	PC74HC157T	IC	1	
IC3031.32	MC74HC541F	IC	2	
IC3033	MC74HC574F	IC	1 (R)	
IC3034	MC74HC541F	IC	1	
IC4001	MB620859PFV	IC	1	
IC4002	MB81C79A35PF	IC	1	
IC4003	L7A0782	IC	1	
IC4004	MC74HC541F	IC	1	
IC4005	L7A0754	IC	1	
IC4006	MB620859PFV	IC	1	
IC4007-09	MB8289-25PF	IC	3	
IC4010	74F11SJ	IC	1	
IC4011	PC74HC74T	IC	1	
IC4012	TC7S04F	IC	1	
IC4013-16	PC74HC164T	IC	4	
IC4017	VS11230	IC	1	
IC3029S	VJS3396	CONNECTOR (FEMALE)	1	
IC4017S	VJS3396	CONNECTOR (FEMALE)	1	
P3001-03	VJP3387	CONNECTOR (MALE)	3	
P3004-11	VJS2725A010	CONNECTOR (FEMALE)	8	
P4004-11	VJP3378	CONNECTOR (MALE)	8	
		RESISTORS		
R3001-08	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	8	
R3010-25	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	16	
R3030-50	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	21	
R3063-70	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	8	
R3082-88	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	7	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83150D	P.C. BOARD W/COMPONENT		
		PB2		

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3022	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1		R3152-57	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
R3023	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1		R3158	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3024	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1		R3162	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3025	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R3163	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R3026	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1		R3164	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3028	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1		R3165	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R3029	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R3166	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3030	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1		R3167,68	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3031	VRE0034E301	M.RESISTOR CH 1/10W 300	1		R3170-72	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3032	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1		R3173-77	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	5	
R3033	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R3178,79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3034	VRE0034E301	M.RESISTOR CH 1/10W 300	1		R3180	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3035,36	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2		R3181	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3037	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1		R3182-84	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R3038,39	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2		R3185-94	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	10	
R3040	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1		R3196	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3041	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1		R3197	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3042	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1		R3198-00	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	3	
R3043	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		R3201	ERJ3GEYJ221	M.RESISTOR CH 1/16W 22	1	
R3044	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1		R3202-14	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	13	
R3046	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R3215-20	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	6	
R3048	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R3222	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R3050-52	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3		R3223-27	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	5	
R3053	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R3228	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3054	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R3230	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3055	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1		R3231-33	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
R3056-59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4		R3234	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3060,61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2						
R3062	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3063,64	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2						
R3065,66	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2		SW3000	VSS0367-04TB	SWITCH	1	
R3067	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1		SW3001	VSS0342	SWITCH	1	
R3068	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1		SW3002	VSS037006	SWITCH	1	
R3069	ERJ3GEYJ432	M.RESISTOR CH 3W 4.3K	1		SW3003	VSS0367-04TB	SWITCH	1	
R3070	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1						
R3071-74	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	4						
R3075	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1						
R3076,77	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2		TP3000-11	VJR0548	TEST POINT	12	
R3078,79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R3080-83	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	4						
R3084	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R3085,86	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	2		VR3000	VRV0113B120	V.RESISTOR 1K	1	
R3087,88	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2		VR3001	VRV0113B501	T.RESISTOR 500	1	
R3089,90	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	2		VR3002	VRV0113B502	T.RESISTOR 5K	1	
R3091	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1		VR3003,04	VRV0113B103	T.RESISTOR 10K	2	
R3092,93	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	2						
R3094,95	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R3096,97	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2						
R3098,99	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2						
R3100,01	ERJ3GEYJ512	M.RESISTOR CH 3W 5.1K	2		X3000	VSX0465	CRYSTAL OSCILLATOR	1	
R3102,03	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2						
R3104,05	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	2						
R3106-09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4				MISCELLANEOUS		
R3110,11	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	2			VGU5695	P.C. BOARD FULLER	2	
R3112,13	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2			VMP3850	P.C. BOARD HOLDER ANGLE	1	
R3114,15	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2			XSB2+4FZ	SCREW	3	
R3116	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1			XSB2+6FZ	SCREW	6	
R3117	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1						
R3118,19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2						
R3120,21	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2						
R3123-26	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4						
R3127	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3128	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3129	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3131	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3133	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3135	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3137	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3139	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3141	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3144	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3145	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3146	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3149	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3150	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						

NTSC

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP81064A	P.C. BOARD W/COMPONENT PB POWER							

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1008	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1		R1105	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1009	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		R1106	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1010	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1107	VRE0078	M.RESISTOR	1	
R1011	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1		R1108	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1012	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1109	VRE0078	M.RESISTOR	1	
R1013	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R1110	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1014,15	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2		R1111	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1016	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1112	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1017	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1		R1113	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1114	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1019-22	VRE0034E333	M.RESISTOR CH 1/10W 33K	4		R1115	VRE0078	M.RESISTOR	1	
R1023	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R1116	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1024	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1		R1117	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1025	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		R1118	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1026,27	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	2						
R1028	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1029	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1						
R1030	ERJ3GEYJ363	M.RESISTOR CH 1/16W 36K	1		VR1001-04	VRV0069B502	V.RESISTOR	5K	4
R1031	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		VR1005	VRV0069B202	V.RESISTOR	2K	1
R1032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1033	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1034	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1035-38	VRE0034E333	M.RESISTOR CH 1/10W 33K	4				MISCELLANEOUS		
R1039	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1				VML2143	CARD PULLER	1
R1040	ERJ3GEYJ912	M.RESISTOR CH 3W 9.1K	1				VSC3749	SHIELD CASE	1
R1041	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1				XYN3+K6RS	SCREW	4
R1042	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1				XYN26+CL2FZ	SCREW	2
R1043	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1				XWG26BFZ	NUT	2
R1044	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1				XYNV3+K8S	SCREW	5
R1045	VRE0034E392	M.RESISTOR CH 1/10W 3.9K	1						
R1046	VRE0034E153	M.RESISTOR CH 1/10W 15K	1						
R1047	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R1048	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1049	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1050	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1051,52	VRE0034E333	M.RESISTOR CH 1/10W 33K	2						
R1053	VRE0034E242	M.RESISTOR CH 1/10W 2.4K	1						
R1054	VRE0034E752	M.RESISTOR CH 1/10W 7.5K	1						
R1055	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R1056	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1057	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1058	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1059	ERDS2TJ123	C.RESISTOR 1/4W 12K	1						
R1060,61	VRE0034E333	M.RESISTOR CH 1/10W 33K	2						
R1062	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1						
R1063	VRE0034E243	M.RESISTOR CH 1/10W 2.4K	1						
R1064	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1065	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R1066	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1						
R1067	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1						
R1068	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R1069,70	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2						
R1071	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R1072	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1073	VRE0078	M.RESISTOR	1						
R1074	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R1075	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R1076	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1077	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1078	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R1079-83	ERDS2TJ123	C.RESISTOR 1/4W 12K	5						
R1084,85	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R1086	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R1087	VRE0072FOR1	M.RESISTOR CH 1/10W 0.1	1						
R1088	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R1089	VRE0078	M.RESISTOR	1						
R1090	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1091	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R1092	VRE0078	M.RESISTOR	1						
R1093	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1094	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1						
R1095,96	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R1099,00	ERDS2TJ123	C.RESISTOR 1/4W 12K	2						
R1103	VRE0078	M.RESISTOR	1						
R1104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP86113A	P.C. BOARD W/COMPONENT		
		REMOTE		
		CAPACITORS		
C6101-05	ECUMIH1042FN	C. CAPACITOR CH 50V 0.1U	5	
C6106, 07	ECUMIH33QJCN	C. CAPACITOR CH 50V 33P	2	
C6110-13	ECUMIH1042FN	C. CAPACITOR CH 50V 0.1U	4	
C6201	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C6202, 03	ECUMIH1042FN	C. CAPACITOR CH 50V 0.1U	2	
C6204, 05	ECUMIH331JCN	C. CAPACITOR CH 50V 330P	2	
C6206	ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	1	
D6201, 02	MA153A	DIODE	2	
IC6101	M37700S4FP	IC	1	
IC6102	VSI1233	IC	1	
IC6103	MC145848F	IC	1	
IC6104	PC74HC004T	IC	1	
IC6105	PC74HC32T	IC	1	
IC6106	TL7700CPS	IC	1	
IC6107	TLA31CLP	IC	1	
IC6108-11	LM339B	IC	4	
IC6201	M50763-111SP	IC	1	
IC6102F	VJF0949	IC HOLDER	1	
IC6102S	VJS31462028	IC SOCKET	1	
L6201	VLQ0319K220	COIL 22UH	1	
P6201	VJP2898B050	CONNECTOR (MALE)	1	
		RESISTORS		
R6101-03	VRE0034E103	M. RESISTOR CH 1/10W 10K	3	
R6104	VRE0034E393	M. RESISTOR CH 1/10W 39K	1	
R6105-08	VRE0034E103	M. RESISTOR CH 1/10W 10K	4	
R6109	VRE0034E682	M. RESISTOR CH 1/10W 6.8K	1	
R6110	VRE0034E432	M. RESISTOR CH 1/10W 4.3K	1	
R6111	VRE0034E332	M. RESISTOR CH 1/10W 3.3K	1	
R6112	VRE0034E472	M. RESISTOR CH 1/10W 4.7K	1	
R6113	VRE0034E123	M. RESISTOR CH 1/10W 12K	1	
R6114	VRE0034E562	M. RESISTOR CH 1/10W 5.6K	1	
R6115	VRE0034E272	M. RESISTOR CH 1/10W 2.7K	1	
R6116	VRE0034E823	M. RESISTOR CH 1/10W 82K	1	
R6117	VRE0034E682	M. RESISTOR CH 1/10W 6.8K	1	
R6118-24	VRE0034E103	M. RESISTOR CH 1/10W 10K	7	
R6125	VRE0034E682	M. RESISTOR CH 1/10W 6.8K	1	
R6126, 27	VRE0034E432	M. RESISTOR CH 1/10W 4.3K	2	
R6128, 29	VRE0034E223	M. RESISTOR CH 1/10W 22K	2	
R6130	VRE0034E123	M. RESISTOR CH 1/10W 12K	1	
R6131	VRE0034E562	M. RESISTOR CH 1/10W 5.6K	1	
R6132-46	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	15	
R6147	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1	
R6148	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R6149-51	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	3	
R6152	VRE0034E103	M. RESISTOR CH 1/10W 10K	1	
R6153	VRE0034E332	M. RESISTOR CH 1/10W 3.3K	1	
R6155	ERJ6GEYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R6160	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	1	
R6201-06	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	6	
R6207	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6208	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R6214	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R6215	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R6216	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
X6101	VSX0465	CRYSTAL OSCILLATOR	1	
X6201	VSX0144	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VML2144	CARD FULLER	1	
	KYN26+C12FZ	SCREW	2	
	XNG26BFZ	NUT	2	
	■ VEPB0800A	P.C. BOARD W/COMPONENT REMOTE JACK		
CN010	VJJ0316	E.P JACK	1	
	■ VEPB4151A	P.C. BOARD W/COMPONENT FE/BIAS OSC		
		CAPACITORS		
C4701	ECST1CC106Z	T.CAPACITOR 16V 10U	1	
C4703	ECST1CY335Z	T.CAPACITOR 16V 3.3U	1	
C4704	ECST1CC106Z	T.CAPACITOR 16V 10U	1	
C4705..06	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C4707	ECEV1CV100S	E.CAPACITOR 16V 10U	1	
C4708	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4709	ECEV1CV100S	E.CAPACITOR 16V 10U	1	
C4710	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C4711	ECEV1HN010S	E.CAPACITOR 50V 1U	1	
C4712..13	ECEV1CV100S	E.CAPACITOR 16V 10U	2	
C4714	ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C4715-18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C4719	VCFZJAB362J	P.CAPACITOR 630V 3600P	1	
C4720..21	ECUX1H103ZPV	C.CAPACITOR CH 50V 0.01U	2	
C4722-27	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	6	
C4728	VCC0030	C.CAPACITOR	1	
D4701-04	MA141K	DIODE	4	
FL4701	EIR7QFO12B	FILTER	1	
IC4701	NJM4565MD	IC	1	
IC4702	TC4S66F	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4703	NJM4558M	IC	1	
IC4704	NJM2903M	IC	1	
L4701	VLQ0319K680	COIL 68UH	1	
P4701	VJP3194D	CONNECTOR (MALE)	1	
P4702	VJP1599T	CONNECTOR (MALE) 6P	1	
P4703	VJP1607T	CONNECTOR (MALE)	1	
P4704	VJP1596T	CONNECTOR (MALE) 3P	1	
Q4701,02	2SD1979	TRANSISTOR	2	
Q4703,04	2SD1824	TRANSISTOR	2	
Q4705	2SB1220	TRANSISTOR	1	
Q4706,07	2SD1819A	TRANSISTOR	2	
Q4708	UN5113	TRANSISTOR	1	
Q4709	2SB1219	TRANSISTOR	1	
Q4710	2SD1819A	TRANSISTOR	1	
Q4711,12	2SD602A	TRANSISTOR	2 (T,W)	
Q4713,14	2SD1819A	TRANSISTOR	2	
Q4715	2SB1218	TRANSISTOR	1	
Q4716	UN5213	TRANSISTOR	1	
		RESISTORS		
R4703	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4704-06	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	3	
R4707	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R4708	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R4709	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4710	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4711	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4712,13	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R4714	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4715	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4716	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4717	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R4718	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4719-21	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	3	
R4722	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R4723	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4724	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4725	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R4726	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4727	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R4728,29	ERJ6GEYK2R2	M.RESISTOR CH 1/10W 2.2	2	
R4730,31	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R4732	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4733	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4734	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4735,36	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R4737	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4738	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R4739	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4740	ERJ6GEYK1R0	M.RESISTOR CH 1/10W 1.0	1	
R4741	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4742	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
T4701	ELLJ2R201	TRANS.	1	
TP4701-04	VJR0548	TEST POINT	4	
TPG	VJR0548	TEST POINT	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VC4701	ECV1ZW60X53T	V.CAPACITOR 60P	1	
		MISCELLANEOUS		
	VMP3871	P.C.BOARD HOLDER ANGLE	1	
	XSB26+6FR	SCREW	2	
	■ VEP80749A	P.C. BOARD W/COMPONENT MECHA 1/F		
POO1,02	VJP3168AO50	CONNECTOR (MALE)	2	
P3	VJS3268	CONNECTOR (FEMALE)	1	
		RESISTORS		
R7101	EXRM16P181J	COMBI.R-R 180K	1	

NTSC

PARTS-54

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEP84153A	P.C. BOARD W/COMPONENT PB VR		
P4503	VJP1600T	CONNECTOR (MALE) 7P	1	
VR4509,10	EVUNCA047A14	V. RESISTOR	2	
	■ VEP80750B	P.C. BOARD W/COMPONENT DC INPUT SW		
D1,2	RK34	DIODE	2	
		MISCELLANEOUS VMZ2001 BARRIER	1	
	■ VEP80388A	P.C. BOARD W/COMPONENT HEAD PHONE JACK		
L4001-03	VLQ0256	COIL	3	
		MISCELLANEOUS WJ0159 H. PHONE JACK	1	

ELECTRICAL PARTS LIST (PAL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP89006A	P.C. BOARD W/COMPONENT REC MOTHER	1			VEP80800A	P.C. BOARD W/COMPONENT REMOTE JACK	1	
	VEP83152A	P.C. BOARD W/COMPONENT VIDEO A/D PLL	1			VEP84151A	P.C. BOARD W/COMPONENT FE/BIAS OSC	1	
	VEP83181A	P.C. BOARD W/COMPONENT VIDEO A/D PLL SUB 1	1	FOR VEP83152A		VEP80749A	P.C. BOARD W/COMPONENT MECHA I/F	1	
	VEP80745B	P.C. BOARD W/COMPONENT VIDEO A/D PLL SUB 2	1	FOR VEP83152A		VEP86112A	P.C. BOARD W/COMPONENT LCD	1	
	VEP83153A	P.C. BOARD W/COMPONENT VIDEO NON STD	1			VEP84152A	P.C. BOARD W/COMPONENT REC VR	1	
	VEP83158A	P.C. BOARD W/COMPONENT SERIAL I/F V	1			VEP84153A	P.C. BOARD W/COMPONENT PB VR	1	
	VEP83133C	P.C. BOARD W/COMPONENT VIDEO REC MEMORY	1			VEP80750B	P.C. BOARD W/COMPONENT DC INPUT SW	1	
	VEP83134C	P.C. BOARD W/COMPONENT VIDEO P/S BUFFER	1			VEP80388A	P.C. BOARD W/COMPONENT HEAD PHONE JACK	1	
	VEP83145C	P.C. BOARD W/COMPONENT EQUALIZER	1						
	VEP83176A	P.C. BOARD W/COMPONENT EQUALIZER SUB 1	1	FOR VEP83145C					
	VEP83177A	P.C. BOARD W/COMPONENT EQUALIZER SUB 2	1	FOR VEP83145C					
	VEP84128B	P.C. BOARD W/COMPONENT AUDIO REC	1						
	VEP84129B	P.C. BOARD W/COMPONENT AUDIO A/D	1						
	VEP86122A	P.C. BOARD W/COMPONENT SYSTEM CONTROL	1						
	VEP82072B	P.C. BOARD W/COMPONENT SERVO 1	1						
	VEP82073B	P.C. BOARD W/COMPONENT SERVO 2	1						
	VEP81063A	P.C. BOARD W/COMPONENT REC POWER	1						
	VEP80722A	P.C. BOARD W/COMPONENT JACK 1	1						
	VEP80723A	P.C. BOARD W/COMPONENT JACK 2	1						
	VEP86111A	P.C. BOARD W/COMPONENT TC & OPERATE	1						
	VEP89007A	P.C. BOARD W/COMPONENT PB & POWER'S MOTHER	1						
	VEP83148C	P.C. BOARD W/COMPONENT PBO	1						
	VEP83149B	P.C. BOARD W/COMPONENT PB1	1						
	VEP83154B	P.C. BOARD W/COMPONENT PB1 SUB	1	FOR VEP83149B					
	VEP83150C	P.C. BOARD W/COMPONENT PB2	1						
	VEP81064A	P.C. BOARD W/COMPONENT PB POWER	1						
	VEP86113A	P.C. BOARD W/COMPONENT REMOTE	1						

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP89006A	P.C. BOARD W/COMPONENT REC MOTHER		
		CAPACITORS		
C9201-05	ECA1EGE222Y	E.CAPACITOR 25V 2200U	5	
C9206,09	ECUM1H104ZFN	C.CAPACITOR CH 50V 0.1U	2	
D9201	DE5SC4M-4061	DIODE	1	
IC9203	PC74HC125T	IC	1	
IC9204	PC74HC157T	IC	1	
P1-P9	VJS3387A	CONNECTOR (FEMALE)	9	
P10-18	VJS3387A	CONNECTOR (FEMALE)	9	
P27	VJP3261018	CONNECTOR (MALE)	1	
P28	VJS3194A	CONNECTOR (FEMALE)	1	
P29	VJP3261024	CONNECTOR (MALE)	1	
P35_36	VJS3195A050	CONNECTOR (FEMALE)	2	
P45-48	VJS3387A	CONNECTOR (FEMALE)	4	
P9201	VJS2907D020	CONNECTOR (FEMALE)	1	
P9202	VJS2907D018	CONNECTOR (FEMALE)	1	
P9203,04	VJS2907D020	CONNECTOR (FEMALE)	2	
P9206	VJS2907D018	CONNECTOR (FEMALE)	1	
P9207	VJS2907D020	CONNECTOR (FEMALE)	1	
P9220	VJP2741A024	CONNECTOR (MALE)	1	
P9221	VJP2741A022	CONNECTOR (MALE)	1	
		RESISTORS		
R9201-27	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	27	
R9230	ERJ6GEYJ270	M.RESISTOR CH 1/10W 27	1	
R9231,32	ERJ6GEYJ153	M.RESISTOR CH 1/10W 15K	2	
		MISCELLANEOUS		
	XSB2+6F2	SCREW	44	
	VJF0304	HOLDER	2	
	VJF0300	HOLDER	2	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEP83152A	P.C. BOARD W/COMPONENT VIDEO A/D PLL		
	■ VEP83181A	P.C. BOARD W/COMPONENT VIDEO A/D PLL SUB 1		FOR VEP83152A
	■ VEP80745B	P.C. BOARD W/COMPONENT VIDEO A/D PLL SUB 2		FOR VEP83152A
		CAPACITORS		
C3046	ECUM1H104KBM	C. CAPACITOR CH 50V 0.1U	1	
C3101, 02	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3103, 04	ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C3105, 06	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3107	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3108	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3109	ECEAQJU33I	E. CAPACITOR 6.3V 330U	1	
C3110	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1	
C3111	ECUX1H020CCV	C. CAPACITOR CH 50V 2P	1	
C3112	ECEAQJU33I	E. CAPACITOR 6.3V 330U	1	
C3113	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3115-17	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	3	
C3118	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3119-21	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	3	
C3122	ECEV1EN3R3S	E. CAPACITOR 25V 3.3U	1	
C3123	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3124	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3125	ECUM1H104KBM	C. CAPACITOR CH 50V 0.1U	1	
C3126	BCUK1H331JCV	C. CAPACITOR CH 50V 330P	1	
C3127	ECUK1H470JCV	C. CAPACITOR CH 50V 47P	1	
C3128, 29	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3130-32	ECUM1H104KBM	C. CAPACITOR CH 50V 0.1U	3	
C3133-37	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	5	
C3138, 39	ECEV1HA2R2	E. CAPACITOR 50V 2.2U	2	
C3140, 41	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3142	BCUK1H101JCV	C. CAPACITOR CH 50V 100P	1	
C3143-45	ECUK1H470JCV	C. CAPACITOR CH 50V 47P	3	
C3146, 47	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C3148	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	1	
C3149	ECEA1AK101	E. CAPACITOR 10V 100U	1	
C3201	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3202	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C3203	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1	
C3204, 05	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3206	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3208, 09	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3211	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3212	ECUM1H104KBM	C. CAPACITOR CH 50V 0.1U	1	
C3213	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3214	ECUX1H822KBV	C. CAPACITOR CH 50V 8200P	1	
C3215	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3216	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3217-26	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	10	
C3228	ECUX1H100DCV	C. CAPACITOR CH 50V 10P	1	
C3229, 30	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3231	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3232	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3233	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3234	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3235, 36	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C3237	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C3238	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1	
C3239, 40	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3242	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	1	
C3301, 02	ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2	
C3303	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
D3101	MA3082M	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D3102	1S253	DIODE	1	
D3201	MA141K	DIODE	1	
FL3101	VLF0953	FILTER	1	
IC3024	NUM79L05UA	IC	1	
IC3101,02	NJU7201U50	IC	2	
IC3103	NE5539D	IC	1	
IC3104,05	CXD1175AM	IC	2	
IC3106,07	NJM4565MD	IC	2	
IC3108	NJMD64M	IC	1	
IC3109	NJMD62M	IC	1	
IC3110,11	PC74HC221T	IC	2	
IC3201	L7A0756	IC	1	
IC3202	PC74HC04T	IC	1	
IC3203	MC74HC133F	IC	1	
IC3204	PC74HC221T	IC	1	
IC3205,06	74AC253SJ	IC	2	
IC3207	NJMD62M	IC	1	
IC3208	74AC08SJ	IC	1	
IC3209	NJU7201U50	IC	1	
IC3210	PC74HC04T	IC	1	
IC3211	PC74HC32T	IC	1	
IC3212	PC74HC04T	IC	1	
IC3213	UPD42102G-3	IC	1	
IC3214	74AC157SJ	IC	1	
IC3215	PC74HC221T	IC	1	
IC3216	VS11228A	IC	1	
IC3217	VS11229	IC	1	
L3101	VLQ0319K470	COIL	47UH	1
L3102	VLFP0017	COIL		1
L3103,04	VLQ0319K220	COIL	22UH	2
L3105	VLFP0017	COIL		1
L3106	VLQ0133K821	COIL	820UH	1
L3202-04	VLQ0319K220	COIL	22UH	3
L3205	VLQ0319K470	COIL	47UH	1
L3301	VLF0931	COIL		1
P3001,02	VJP3387	CONNECTOR (MALE)		2
Q3101-03	2SD1819A	TRANSISTOR		3
Q3104,05	2SB1218A	TRANSISTOR		2
Q3106,07	2SC3930	TRANSISTOR		2
Q3108,09	2SA1532	TRANSISTOR		2
Q3110	2SD1819A	TRANSISTOR		1
Q3112,13	2SK662	TRANSISTOR		2
Q3114,15	2SB1218A	TRANSISTOR		2
Q3201,02	2SD1819A	TRANSISTOR		2
		RESISTORS		
R3101	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270		1
R3102,03	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K		2
R3106	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K		1
R3107	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220		1
R3109	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680		1
R3110	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K		1
R3111,12	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15		2
R3113	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K		1
R3114	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K		1
R3115	VRE0034E301	M.RESISTOR CH 1/10W 300		1
R3116	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K		1
R3117	VRE0034E301	M.RESISTOR CH 1/10W 300		1

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3118	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3119	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R3120	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3121,22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3123,24	ERJ3GEYJ150	M.RESISTOR CH 1/16W 15	2	
R3125	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3126	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3127	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R3128	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3129	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3130	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3131	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3132	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R3133	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3134	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3135	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3136	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R3137	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3138	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3139	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3140	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3141	VRE0034E683	M.RESISTOR CH 1/10W 68K	1	
R3142	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R3143	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3144	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R3145	VRE0034E911	M.RESISTOR CH 1/10W 910	1	
R3146	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R3147,48	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R3149	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3150	VRE0034E113	M.RESISTOR CH 1/10W 11K	1	
R3151	VRE0034E911	M.RESISTOR CH 1/10W 910	1	
R3152	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3153	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3154	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3156	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3157	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3158	VRE0034E561	M.RESISTOR CH 1/10W 560	1	
R3159,60	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R3161	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3162	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R3163	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R3164	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R3165	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R3166	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R3167	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R3168	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3169	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R3170,71	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
R3172	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R3201	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3202	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3203,04	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	2	
R3205	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3208-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R3211	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R3212	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3213	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3215,16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3217	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3219	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3222	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3223	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3224	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3225-33	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	9	
R3234	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3235	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3236,37	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3238	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R3239	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3241	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3243	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3244	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3245	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3247	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
SW3201	VJP1940	CONNECTOR SWITCH	1	
SW3201S	VJS1940	CONNECTOR SWITCH	1	
TP3101-04	VJR0548	TEST POINT	4	
TP3203,04	VJR0548	TEST POINT	2	
TP3207-12	VJR0548	TEST POINT	6	
TPG3101	VJR0548	TEST POINT	1	
TPG3201	VJR0548	TEST POINT	1	
VC3201	ECRJA010A12	TRIMMER	1	
VR3101	VRV0113B102	V.RESISTOR 1K	1	
VR3102	VRV0113B502	T.RESISTOR 5K	1	
VR3103	VRV0113B202	T.RESISTOR 2K	1	
VR3201	VRV0113B502	T.RESISTOR 5K	1	
VR3202	VRV0113B503	T.RESISTOR 50K	1	
VR3203	VRV0113B502	T.RESISTOR 5K	1	
X3201	VSK0270	CRYSTAL OSCILLATOR	1	
X3202	VSK0114	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP3874	P.C. BOARD HOLDER ANGLE	1	
	XSB2+4FZ	SCREW	3	
	XSB2+6FZ	SCREW	4	
	VGU5695	P.C. BOARD FULLER	1	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83153A	P.C. BOARD W/COMPONENT VIDEO NON STD		
		CAPACITORS		
C3101	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3102-04	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C3105	ECUX1H181J CV	C. CAPACITOR CH 50V 180P	1	
C3106	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3107,08	ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C3109,10	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3111	ECUX1H180J CV	C. CAPACITOR CH 50V 18P	1	
C3112	ECUX1H680J CV	C. CAPACITOR CH 50V 68P	1	
C3113,14	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3115	ECEV1HN010S	E. CAPACITOR 50V 1U	1	
C3116	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3117	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3201	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3202	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3203	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3204	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3205	ECUX1H221J CV	C. CAPACITOR CH 50V 220P	1	
C3206	ECEV1CV100S	E. CAPACITOR 16V 100U	1	
C3207,08	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3209	ECUX1H331J CV	C. CAPACITOR CH 50V 330P	1	
C3210-12	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C3213	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3214	ECUX1H220J CV	C. CAPACITOR CH 50V 22P	1	
C3215	ECUX1H102KBV	C. CAPACITOR CH 50V 1000P	1	
C3216,17	ECUX1H470J CV	C. CAPACITOR CH 50V 47P	2	
C3218	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3219	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3220	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3221	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3222	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3223	ECUX1H220J CV	C. CAPACITOR CH 50V 22P	1	
C3301	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3302	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3303	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3304	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3305	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3306,07	ECUX1H560J CV	C. CAPACITOR CH 50V 56P	2	
C3308,09	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3310	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3311	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3312	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3313	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3314	ECUM1H102KBN	C. CAPACITOR CH 50V 1800P	1	
C3315	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3316	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3317	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3318	ECUM1H104KBN	C. CAPACITOR CH 50V 0.1U	1	
C3319	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3320	ECUX1H470J CV	C. CAPACITOR CH 50V 47P	1	
C3401	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3402	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3403	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3404	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C3405	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3406	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1	
C3407	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
D3201,02	MA141K	DIODE	2	
D3203	MA328	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3101	AN91A12S	IC	1	
IC3102	PC74HC08T	IC	1	
IC3201	NJU7201U50	IC	1	
IC3202,03	NJM062M	IC	2	
IC3204	PC74HC00T	IC	1	
IC3205	PC74HC221T	IC	1	
IC3301	MB40778P	IC	1	
IC3302	NJM360M	IC	1	
IC3303	PC74HC00T	IC	1	
IC3304	NJM062M	IC	1	
IC3305	PC74HC00T	IC	1	
IC3306	PC74HC74T	IC	1	
IC3307	PC74HC86T	IC	1	
IC3308	PC74HC221T	IC	1	
IC3309	PC74HC74T	IC	1	
IC3401-03	PC74HC74T	IC	3	
L3101,02	VLQ0319K220	COIL 22UH	2	
L3103	VLQ0319K221	COIL 220UH	1	
L3104	VLQ0319K220	COIL 22UH	1	
L3201	VLQ0319K220	COIL 22UH	1	
L3202	VLQ0303	COIL	1	
L3203	VLQ0319K220	COIL 22UH	1	
L3301	VLQ0319K220	COIL 22UH	1	
L3302	VLQ0319K101	COIL 100UH	1	
L3303,04	VLQ0319K220	COIL 22UH	2	
L3401,02	VLQ0319K220	COIL 22UH	2	
P3401,02	VJP3387	CONNECTOR (MALE)	2	

[illegible]

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP03133C	P.C. BOARD W/COMPONENT		
		VIDEO REC MEMORY		
		CAPACITORS		
C3001-16	ECUKIC104ZFV	C.CAPACITOR CH 16V 0.1U	16	
FL3001	VLF0576	FILTER	1	
IC3001	VSI1029	IC	1	
IC3002	HM628128LFP7	IC	1	
IC3003	M5256BFF-70	IC	1	
IC3004	HM628128LFP7	IC	1	
IC3005	M5256BFF-70	IC	1	
IC3006	HM628128LFP7	IC	1	
IC3007	M5256BFF-70	IC	1	
IC3008	HM628128LFP7	IC	1	
IC3009	M5256BFF-70	IC	1	
IC3010	UPD65240G057	IC	1	
IC3011	L7A0650	IC	1	
IC3012	L7A0649	IC	1	
IC3013	VSI1141A	IC	1	
IC3001S	VJS2576	CONNECTOR (FEMALE)	1	
P3001,02	VJP3387	CONNECTOR (MALE)	2	
		RESISTORS		
R3001,02	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3003	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3005	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
		MISCELLANEOUS		
	AMP3336	P.C.BOARD HOLDER ANGLE	1	
	XSB2+4FZ	SCREW	7	
	XSB2+6FZ	SCREW	4	
	VGU5695	P.C.BOARD PULLER	1	
	VSC3503	SHIELD CASE	2	

Ref.No.		Part No.	Part Name & Description	Pcs	Remarks	Ref.No.		Part No.	Part Name & Description	Pcs	Remarks
		VEP83134C	P.C. BOARD W/COMPONENT			IC3023		MB88341PF	IC	1	
			VIDEO P/S BUFFER			IC3201		VSC3KI007FL	IC	1	
						IC3203		MB10HL116PFF	IC	1	
						L3011-17		VLQ0319K100	COIL	10UH	7
						L3023,24		VLQ0163J100	COIL	10UH	2
			CAPACITORS								
C3011,12		ECUX1C104ZFV	C. CAPACITOR CH 16V 0.1U	2		OSC3201		VSK0467	CRYSTAL OSCILLATOR	1	
C3014-17		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	4							
C3018,19		ECUM1C104KBW	C. CAPACITOR CH 16V 0.1U	2							
C3022,23		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2							
C3025-28		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	4		P3001,02		VJP3387	CONNECTOR (MALE)	2	
C3029,30		ECUM1C104KBW	C. CAPACITOR CH 16V 0.1U	2		P3003		VJP2268	CONNECTOR (MALE)	1	
C3033-35		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	3							
C3036		ECEV1CV100S	E. CAPACITOR 16V 10U	1							
C3037		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1							
C3038		ECEV1CV100S	E. CAPACITOR 16V 10U	1							
C3039		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1		Q3011		XN4312	TRANSISTOR TRANSISTOR	1	
C3040		ECEV1CV100S	E. CAPACITOR 16V 10U	1		Q3012-14		XN6537	TRANSISTOR	3	
C3041		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1		Q3015		XN4312	TRANSISTOR TRANSISTOR	1	
C3042		ECEV1CV100S	E. CAPACITOR 16V 10U	1		Q3016-18		XN6537	TRANSISTOR	3	
C3043		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1		Q3019		XN6435	TRANSISTOR	1	
C3047,48		ECUM1C104KBW	C. CAPACITOR CH 16V 0.1U	2		Q3020		XN6501	TRANSISTOR TRANSISTOR	1	
C3049		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1		Q3021,22		XN6435	TRANSISTOR	2	
C3050		ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1		Q3023		XN6501	TRANSISTOR TRANSISTOR	1	
C3051-53		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	3		Q3024		XN6435	TRANSISTOR	1	
C3055,56		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2		Q3026		XN6537	TRANSISTOR	1	
C3057		ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1		Q3027,28		XN5531	TRANSISTOR	2	
C3058,59		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2		Q3029		XN6537	TRANSISTOR	1	
C3060		ECUX1H272KBV	C. CAPACITOR CH 50V 2700P	1		Q3030,31		XN5531	TRANSISTOR	2	
C3061,62		ECEV1CV100S	E. CAPACITOR 16V 10U	2							
C3063		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1							
C3064		ECUM1C104KBW	C. CAPACITOR CH 16V 0.1U	1					RESISTORS		
C3065		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1		R3011		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
C3066		ECUM1C104KBW	C. CAPACITOR CH 16V 0.1U	1		R3012		ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
C3067-69		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	3		R3013		ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
C3070		ECUX1H080DCV	C. CAPACITOR CH 50V 8P	1		R3014		ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
C3071		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	1		R3015,16		ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
C3073,74		ECUX1C104ZFY	C. CAPACITOR CH 16V 0.1U	2		R3017,18		ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
C3075		ECUX1H561KBV	C. CAPACITOR CH 50V 560P	1		R3019,20		ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3076,77	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2				MISCELLANEOUS		
R3078,79	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2			VMP3337	P.C.BOARD HOLDER ANGLE	1	
R3080,81	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2			XSB2+4FZ	SCREW	3	
R3082,83	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2			XSB2+6FZ	SCREW	4	
R3084	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1			VGU5695	P.C.BOARD PULLER	1	
R3085	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1			VSC3504	SHIELD CASE	1	
R3086,87	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2			VMP1876	SPACER	1	
R3090,91	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2			XSB2+3FZ	SCREW	1	
R3092,93	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2						
R3094	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1						
R3095	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3096	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1						
R3097,98	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2						
R3099	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3100,01	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2						
R3102,03	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	2						
R3104	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1						
R3105	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1						
R3106,07	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2						
R3108,09	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3110,11	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2						
R3112,13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3114,15	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	2						
R3116	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1						
R3117	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3118,19	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3120	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3121	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3122,23	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2						
R3124,25	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2						
R3126	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1						
R3127	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3128	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1						
R3129,30	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2						
R3131	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3132,33	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	2						
R3134	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3135,36	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2						
R3137	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3138	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3139	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3140,41	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3142,43	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2						
R3144	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3145	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3146,47	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2						
R3148-51	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	4						
R3152-55	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	4						
R3156,57	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3158	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3159	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R3160,61	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	2						
R3162	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3163	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R3164,65	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	2						
R3166-71	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6						
R3174-78	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	5						
R3201	VRE0034E511	RESISTOR	1						
R3202	VRE0034E102	M.RESISTOR CH 1/10W 1K	1						
R3203-05	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	3						
R3208,09	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2						
R3210	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R3211-14	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4						
TP3001-15	VJR0548	TEST POINT	15						
TPG3001,02	VJR0548	TEST POINT	2						
VR3001,02	VRV0113B103	T.RESISTOR 10K	2						
VR3003-06	VRV0113B202	T.RESISTOR 2K	4						

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	■ VEP83145C	P.C. BOARD W/COMPONENT		
		EQUALIZER		
	■ VEP83176A	P.C. BOARD W/COMPONENT		FOR VEP83145C
		EQUALIZER SUB 1		
	■ VEP83177A	P.C. BOARD W/COMPONENT		FOR VEP83145C
		EQUALIZER SUB 2		
		CAPACITORS		
C1	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C2, C3	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C4	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C3001, 02	ECEV1HV2R2S	E. CAPACITOR 50V 2.2U	2	
C3003, 04	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C3005	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C3006-09	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	4	
C3010, 11	ECRJA020E12	TRIMMER	2	
C3012	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3013	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C3014-17	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	4	
C3018, 19	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C3020-23	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	4	
C3024	ECUX1H020CCV	C. CAPACITOR CH 50V 2P	1	
C3025	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C3026-28	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C3029	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C3030	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3101, 02	ECEV1HV2R2S	E. CAPACITOR 50V 2.2U	2	
C3103-05	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C3106	ECUX1H220JCV	C. CAPACITOR CH 50V 22P	1	
C3113-15	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C3116, 17	ECRJA020E12	TRIMMER	2	
C3118	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3119	ERJ3GEYOR00	M. RESISTOR CH 1/16W 0	1	
C3120-24	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	5	
C3125, 26	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C3127-29	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	3	
C3130	ECUX1H020CCV	C. CAPACITOR CH 50V 2P	1	
C3131	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C3132-35	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	4	
C3136, 37	ECEV1CV470S	E. CAPACITOR 16V 47U	2	
C3138	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C3139, 40	ECEV1CV470S	E. CAPACITOR 16V 47U	2	
DL3001	VLD0239	DELAY	1	
DL3002, 03	VLD0240	DELAY	2	
DL3101	VLD0239	DELAY	1	
DL3102, 03	VLD0240	DELAY	2	
IC1	MC74HC04N		1	
IC3001	VCR0350	IC	1	
IC3002	VCR0351	IC	1	
IC3003	VCR0352	IC	1	
IC3004	TA8504F	IC	1	
IC3005	VCR0353	IC	1	
IC3101	VCR0350	IC	1	
IC3102	VCR0351	IC	1	
IC3103	VCR0352	IC	1	
IC3104	TA8504F	IC	1	
L1	VLQ0163MR27	COIL 0.27UH	1	
L3001	VLQ0163J1R8	COIL 1.8UH	1	
L3002	VLQ0319K100	COIL 10UH	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3003	VLQ0163J1R8	COIL 1.8UH	1	
L3004,05	VLQ0163KR47	COIL 0.47UH	2	
L3101	VLQ0163J1R8	COIL 1.8UH	1	
L3104	VLQ0163J1R8	COIL 1.8UH	1	
L3105,06	VLQ0163KR47	COIL 0.47UH	2	
P3001,02	VJP3387	CONNECTOR (MALE)	2	
Q1	2SC3130	TRANSISTOR	1	
Q3001-03	2SC3130	TRANSISTOR	3	
Q3004	XN6537	TRANSISTOR	1	
Q3005,06	2SD1938	TRANSISTOR	2	
Q3008-11	2SC3130	TRANSISTOR	4	
Q3018	2SC3130	TRANSISTOR	1	
Q3101-03	2SC3130	TRANSISTOR	3	
Q3104	XN6537	TRANSISTOR	1	
Q3105,06	2SD1938	TRANSISTOR	2	
Q3108-11	2SC3130	TRANSISTOR	4	
Q3112,13	UN5213	TRANSISTOR	2	
Q3114	2SB1218A	TRANSISTOR	1	
Q3115	2SB956	TRANSISTOR	1	
Q3116	UN5213	TRANSISTOR	1	
Q3117	2SD1280	TRANSISTOR	1	
Q3118	2SC3130	TRANSISTOR	1	
		RESISTORS		
R1,R2	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3	ERJ3GEYJ511	M.RESISTOR CH 3W 510	1	
R4	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3001,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R3003	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R3004	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3005	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3006	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3007	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3008	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3009	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3010	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
R3011	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3012	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R3013	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R3014	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R3015	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3016,17	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	2	
R3018,19	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R3020,21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3022,23	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R3026	VRE0034E820	M.RESISTOR CH 1/16W 82	1	
R3027	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3028	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3029	VRE0034E680	M.RESISTOR CH 1/10W 68	1	
R3030-32	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	3	
R3034,35	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3037,38	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R3039	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1	
R3040	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3041	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1	
R3042	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R3043	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R3044	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R3045	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R3046	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3047	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3048-50	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R3051,52	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R3053,54	VRE0034E680	M.RESISTOR CH 1/10W 68	2	
R3055	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R3056	ERJ3GEYJ0R00	M.RESISTOR CH 1/16W 0	1	
R3057	VRE0034E510	M.RESISTOR CH 1/10W 51	1	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3101,02	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2						
R3103	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1						
R3104	VRE0034E750	M.RESISTOR CH 1/10W 75	1						
R3105	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1						
R3106	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1						
R3107	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3108	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3109	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3110	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1						
R3111	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1						
R3112	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R3113	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R3114	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1						
R3115	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3116,17	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2						
R3118,19	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2						
R3120,21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R3122,23	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2						
R3126	VRE0034E820	M.RESISTOR CH 1/16W 82	1						
R3127	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1						
R3128	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1						
R3129	VRE0034E680	M.RESISTOR CH 1/10W 68	1						
R3130-32	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	3						
R3133,34	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2						
R3137,38	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2						
R3139	ERJ3GEYJ121	M.RESISTOR CH 1/16W 120	1						
R3140	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1						
R3141	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	1						
R3142	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1						
R3143	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1						
R3144	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1						
R3145	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1						
R3146	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1						
R3147	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R3148-50	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3						
R3151,52	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2						
R3153,54	VRE0034E680	M.RESISTOR CH 1/10W 68	2						
R3155	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1						
R3156	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1						
R3157	VRE0034E510	M.RESISTOR CH 1/10W 51	1						
R3158,59	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2						
R3160	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1						
R3161-63	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3						
R3164	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1						
SW3001	VJP1563	CONNECTOR (MALE)	1						
SW3101	VJP1563	CONNECTOR (MALE)	1						
TP3001	VJRO548	TEST POINT	1						
TP3101	VJRO548	TEST POINT	1						
TPG3001,02	VJRO548	TEST POINT	2						
TPG3101	VJRO548	TEST POINT	1						
VR3001	VRV0113B501	T.RESISTOR	500	1					
VR3002	VRV0113B101	V.RESISTOR	100	1					
VR3003,04	VRV0113B103	T.RESISTOR	10K	2					
VR3005	VRV0113B203	T.RESISTOR	20K	1					
VR3101	VRV0113B501	T.RESISTOR	500	1					
VR3102	VRV0113B101	V.RESISTOR	100	1					
VR3103,04	VRV0113B103	T.RESISTOR	10K	2					
VR3105	VRV0113B203	T.RESISTOR	20K	1					
		MISCELLANEOUS							
	VMP3338	P.C. BOARD HOLDER ANGLE	1						
	XSB2+4FZ	SCREW	3						
	XSB2+6FZ	SCREW	4						
	UGU5695	P.C. BOARD FULLER	1						

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP84128B	P.C. BOARD W/COMPONENT		
		AUDIO REC		
		CAPACITORS		
C4101-07	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	7	
C4110,11	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C4112	ECEV0JV101S	E. CAPACITOR 6.3V 100U	1	
C4201,02	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C4203	ECUX1H470JCV	C. CAPACITOR CH 50V 47P	1	
C4207,08	ECEV1HVO10S	E. CAPACITOR 50V 1U	2	
C4210,11	ECEV1EN3R3S	E. CAPACITOR 25V 3.3U	2	
C4251-65	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	15	
FL4201-03	VLF0941C223	FILTER	3	
IC4101	L7A0674	IC	1	
IC4102,03	HM62832HJP35	IC	2	
IC4104	MB81C78A35PF	IC	1	
IC4105,06	MC74HC541F	IC	2	
IC4201	MC4044M	IC	1	
IC4203	MC4044M	IC	1	
IC4204	PC74HC00T	IC	1	
IC4205	MN56200VPV	IC	1	
IC4206	UPD71055GB	IC	1	
IC4207	PC74HC02T	IC	1	
IC4208	PC74HC138T	IC	1	
IC4210	SLA6080F5B	IC	1	
IC4211	PC74HC00T	IC	1	
IC4212	PC74HC123T	IC	1	
IC4213	PC74HC157T	IC	1	
IC4214	MC74HC541F	IC	1	
LA101	VLQ0319K220	COIL 22UH	1	
P4201,02	VJP3387	CONNECTOR (MALE)	2	
		RESISTORS		
R4101	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4103-10	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	8	
R4201	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4202	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R4203	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R4204,05	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4211	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4212	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R4213	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4214,15	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4216,17	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	2	
R4219,20	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R4222	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4224	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R4225,26	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4227-31	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R4232-34	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	3	
R4235	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R4236,37	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R4238,39	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R4240	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R4241-43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP84129B	P.C.BOARD W/COMPONENT		
		AUDIO A/D		
		CAPACITORS		
C4301,02	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C4303,04	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	2	
C4305	ECEVIAN100S	E.CAPACITOR 10V 10U	1	
C4306	ECEVIAN330SP	E.CAPACITOR 6.3V 330U	1	
C4307,08	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	2	
C4309	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4310	ECEVICV100S	E.CAPACITOR 16V 10U	1	
C4311	BCEALGGE330	CAPACITOR 10V 33U	1	
C4312	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	1	
C4313	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4314	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	1	
C4315	ECEVIAN100S	E.CAPACITOR 10V 10U	1	
C4316,17	ECEVOJV101S	E.CAPACITOR 6.3V 100U	2	
C4318,19	ECEVICV470S	E.CAPACITOR 16V 47U	2	
C4320	ECEVOJV101S	E.CAPACITOR 6.3V 100U	1	
C4321,22	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C4323,24	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	2	
C4325	ECEVIAN100S	E.CAPACITOR 10V 10U	1	
C4326	ECEVIAN330SP	E.CAPACITOR 6.3V 330U	1	
C4327,28	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	2	
C4329	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4330	ECEVICV100S	E.CAPACITOR 16V 10U	1	
C4331	BCEALGGE330	CAPACITOR 10V 33U	1	
C4332,33	ECEVOJV101S	E.CAPACITOR 6.3V 100U	2	
C4334	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4335	ECEVIAN100S	E.CAPACITOR 10V 10U	1	
C4336-39	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	4	
C4340	ECUX1C472G	P.CAPACITOR 16V 4700P	1	
C4341	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4343	ECUX1H561KBV	C.CAPACITOR CH 50V 560P	1	
C4344	ECUX1H182KVB	C.CAPACITOR CH 50V 1800P	1	
C4345	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C4346	ECEVIEN100S	E.CAPACITOR 25V 10U	1	
C4347,48	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C4349	ECEVICV100S	E.CAPACITOR 16V 10U	1	
C4350	ECUX1C472G	P.CAPACITOR 16V 4700P	1	
C4351	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4353	ECUX1H561KBV	C.CAPACITOR CH 50V 560P	1	
C4354	ECUX1H182KVB	C.CAPACITOR CH 50V 1800P	1	
C4355	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C4356	ECEVIEN100S	E.CAPACITOR 25V 10U	1	
C4357,58	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C4359	ECUX1C104Z FV	C.CAPACITOR CH 16V 0.1U	1	
C4360-63	ECEVICV470S	E.CAPACITOR 16V 47U	4	
C4364-67	ECUX1C104Z FV	C.CAPACITOR CH 16V 0.1U	4	
C4368,69	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	2	
C4370-72	ECEVOJV101S	E.CAPACITOR 6.3V 100U	3	
C4373	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	1	
C4374-79	ECUX1C104Z FV	C.CAPACITOR CH 16V 0.1U	6	
C4380	ECEVOJV101S	E.CAPACITOR 6.3V 100U	1	
C4381-84	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	4	
C4385,86	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C4387,88	ECUX1H103Z FV	C.CAPACITOR CH 50V 0.01U	2	
C4389,90	ECEVIEN100S	E.CAPACITOR 25V 10U	2	
D4301,02	MA143	DIODE	2	
I4301	NJM2068MD	IC	1	
I4302	NJM4558M	IC	1	
I4303	NJM2068MD	IC	1	
I4304	NJM4558M	IC	1	
I4305,06	MCI4053BP	IC	2	(R)
I4307	NJM2068MD	IC	1	
I4308	PC74HC04T	IC	1	
I4309,10	NJM5532MD	IC	2	
I4311	AK5326	IC	1	
I4312	NJU7201U50	IC	1	
I4313	NJM79L05UA	IC	1	
I4314	NJM2068MD	IC	1	
L4301-03	VLQ0319K220	COIL 22UH	3	
P4301,02	VJP3387	CONNECTOR (MALE)	2	

[illegible]

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP86122A	P.C. BOARD W/COMPONENT SYSTEM CONTROL			Q6002	2SC3938	TRANSISTOR	1	
					Q6003	2SD1819A	TRANSISTOR	1	
					Q6005,06	2SD1819A	TRANSISTOR	2	
					Q6007	2SB1219	TRANSISTOR	1	
					Q6008	2SD1819A	TRANSISTOR	1	
					Q6009	UN5213	TRANSISTOR	1	
					Q6010	2SB956	TRANSISTOR	1	
					Q6012-17	2SD1819A	TRANSISTOR	6	
					Q6018	2SB956	TRANSISTOR	1	
					Q6019	UN5213	TRANSISTOR	1	
					Q6020	UN5215	TRANSISTOR	1	
					Q6021	UN5213	TRANSISTOR	1	
		CAPACITORS					RESISTORS		
C6001-04	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4		R6001	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
C6006-10	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	5		R6002	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
C6012-14	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	3		R6003	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
C6016-20	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	5		R6004	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
C6026,27	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2		R6007-17	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	11	
C6029	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1		R6018,19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
C6030	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1		R6020	ERJ3GEYJ000	M.RESISTOR CH 1/16W 0	1	
C6031-34	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4		R6021,22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
C6035	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	1		R6023	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
C6036	ECEV1EV330S	E.CAPACITOR 25V 33U	1		R6025,26	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
C6037	ECEV1EV4R7S	E.CAPACITOR 25V 4.7U	1		R6027	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	1	
C6038-41	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	4		R6028-30	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	3	
C6042	ECEV1CV470S	E.CAPACITOR 16V 47U	1		R6032	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
C6043-45	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	3		R6033	VRE0034E183	M.RESISTOR CH 1/10W 18K	1	
C6046	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1		R6034	VRE0034E563	M.RESISTOR CH 1/10W 56K	1	
C6047	ECST1CY105Z	T.CAPACITOR 16V 1U	1		R6035	VRE0034E563	M.RESISTOR CH 1/10W 56K	1	
C6048,49	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	2		R6036	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
C6050	ECEV1EV4R7S	E.CAPACITOR 25V 4.7U	1		R6037	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
C6051	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	1		R6038	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
C6052,53	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	2		R6043	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
C6054	ECEA1VSN2R2	E.CAPACITOR 35V 2.2U	1		R6044-46	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	3	
C6055	ECEA1CKS100	E.CAPACITOR 16V 10U	1		R6047,48	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
					R6049	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
D6002	MA143	DIODE	1		R6050	ERJ3GEYJ000	M.RESISTOR CH 1/16W 0	1	
D6003	MA141MK	DIODE	1		R6051,52	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
D6004	MA141WA	DIODE	1		R6053	VRE0034E202	M.RESISTOR CH 1/10W 2K	1	
D6005	MA141K	DIODE	1		R6054	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
D6006	MA3068-H	DIODE	1		R6056	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
D6007,08	MA141MK	DIODE	2		R6057	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
					R6058,59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
IC6001	M37700S4FP	IC	1		R6060-66	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	7	
IC6002,03	UPD71055GB	IC	2		R6068	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC6004	MN1287BP	IC	1		R6069	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
IC6006-09	LM339DB	IC	4		R6070-78	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	9	
IC6010	MC14538BF	IC	1		R6079	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
IC6012	PC74HC32T	IC	1		R6080	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
IC6013	PC74HC138T	IC	1		R6081	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
IC6014	VS11199A	IC	1		R6082-88	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	7	
IC6016	VS11236B	IC	1		R6089	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
IC6017,18	PC74HC541F	IC	2		R6090	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
IC6019	PC74HC245AF	IC	1		R6091-94	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	4	
IC6020	51951BML600D	IC	1		R6095	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC6021	MC14584BF	IC	1		R6096	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
IC6022	PC74HC75T	IC	1		R6097	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
IC6023	VS11237B	IC	1		R6098	ERJ3GEYJ274	M.RESISTOR CH 1/16W 270K	1	
IC6024	NJU7201U50	IC	1		R6099	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
IC6025	NJM2904M	IC	1		R6100	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
IC6026	M51951AML	IC	1		R6101	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
IC6016S	VJS3397	CONNECTOR (FEMALE)	1		R6104	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
IC6023S	VJS3397	CONNECTOR (FEMALE)	1		R6105	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
					R6106	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
L6001	VLQ0319K220	COIL 22UH	1		R6107	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
					R6108	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
					R6109	ERJ8GCYJ330	M.RESISTOR CH 1/8W 33	1	
P6001,02	VJP3387	CONNECTOR (MALE)	2		R6110	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
					R6111	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
					R6112	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
					R6113	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
					R6114,15	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	

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PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP82072B	P.C. BOARD W/COMPONENT SERVO 1		

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q2013	2SD1819A	TRANSISTOR	1	
Q2014	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2015	UN5213	TRANSISTOR	1	
Q2016	UN5113	TRANSISTOR	1	
Q2017	2SD1819A	TRANSISTOR	1	
Q2018	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2019	UN5113	TRANSISTOR	1	
Q2020	2SD1819A	TRANSISTOR	1	
Q2021	UN5213	TRANSISTOR	1	
Q2022	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2023	UN5213	TRANSISTOR	1	
Q2024	UN5113	TRANSISTOR	1	
Q2025	2SD1819A	TRANSISTOR	1	
Q2026	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2027	UN5113	TRANSISTOR	1	
Q2028	2SD1819A	TRANSISTOR	1	
Q2029	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2030	2SD1819A	TRANSISTOR	1	
Q2031	UN5113	TRANSISTOR	1	
Q2032	UN5213	TRANSISTOR	1	
Q2033	UN5113	TRANSISTOR	1	
Q2034	UN5213	TRANSISTOR	1	
Q2035	2SB1175-Q	TRANSISTOR	1 (Q)	
Q2036	2SD1819A	TRANSISTOR	1	
Q2037	UN5215	TRANSISTOR	1	
Q2038	2SD1819A	TRANSISTOR	1	
Q2039	UN5213	TRANSISTOR	1	
Q2040	2SD1819A	TRANSISTOR	1	
Q2041	UN1213	TRANSISTOR-RESISTOR	1	
		RESISTORS		
R2001_02	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R2003	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2004_05	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2006	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R2007	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	1	
R2008_09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2010	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R2011_12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2013	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R2014_15	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2016	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R2017	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R2018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2019	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2020	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2021_22	VRE0034E102	M.RESISTOR CH 1/10W 1K	2	
R2023-26	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	4	
R2027-29	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R2030	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2031	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2033	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R2034	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2035	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2036	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2037_38	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	2	
R2039	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R2040	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2041	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R2042-44	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	3	
R2045_46	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R2047	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R2048	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R2049	ERJ3GEYJ824	M.RESISTOR CH 1/16W 820K	1	
R2050_51	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R2052	ERJ6GEYJ561	M.RESISTOR CH 1/10W 560	1	
R2053	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R2054_55	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R2056	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R2057	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R2058	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R2059	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	

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PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP82073B	P.C. BOARD W/COMPONENT		
		SERVO 2		
		CAPACITORS		
C2501-03	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	3	
C2506-08	ECEV1EN100S	E. CAPACITOR 25V 10U	3	
C2509	ECA1CFQ121	E. CAPACITOR 16V 120U	1	
C2510	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C2511	ECUX1H332KBV	C. CAPACITOR CH 50V 3300P	1	
C2512	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2513-15	ECUM1E2242FM	C. CAPACITOR CH 25V 0.22U	3	
C2516-18	ECEV1HV2R2S	E. CAPACITOR 50V 2.2U	3	
C2519-22	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	4	
C2523	ECA1EFQ221L	E. CAPACITOR 16V 220U	1	
C2524	ECEV1EV330S	E. CAPACITOR 25V 33U	1	
C2525	ECUX1E4732FV	C. CAPACITOR CH 25V 0.047U	1	
C2526	ECA1AFQ181	E. CAPACITOR 10V 180U	1	
C2527	ECUX1H221JCV	C. CAPACITOR CH 50V 220P	1	
C2528, 29	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	2	
C2530	ECUX1H820JCV	C. CAPACITOR CH 50V 82P	1	
C2531, 32	ECST1CY105	T. CAPACITOR 16V 1U	2	
C2533-36	ECA1CFQ121	E. CAPACITOR 16V 120U	4	
C2537	ECA1AFQ181	E. CAPACITOR 10V 180U	1	
C2538	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2539	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2540	ECEV1CV470S	E. CAPACITOR 16V 47U	1	
C2541	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C2550	ECA1CFQ121	E. CAPACITOR 16V 120U	1	
C2551	ECUX1C153KBV	C. CAPACITOR CH 16V 0.015U	1	
C2552	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	1	
C2557, 58	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	2	
C2561	ECEV1EV330S	E. CAPACITOR 25V 33U	1	
C2562	ECUX1H560JCV	C. CAPACITOR CH 50V 56P	1	
C2563	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C2564	ECEV1EN100S	E. CAPACITOR 25V 10U	1	
C2565	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	1	
C2566	ECEV1EN4R7S	E. CAPACITOR 25V 4.7U	1	
C2567, 68	ECUX1C333KBV	C. CAPACITOR CH 16V 0.033U	2	
C2569-74	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	6	
C2575-77	ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	3	
C2578, 79	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C2580-82	ECUX1E4732FV	C. CAPACITOR CH 25V 0.047U	3	
C2583	ECEV1HV47SR	E. CAPACITOR 10V 33U	1	
C2584-86	ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	3	
C2587	ECEV1HV47SR	E. CAPACITOR 10V 33U	1	
C2588, 89	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	2	
C2590-92	ECUX1E4732FV	C. CAPACITOR CH 25V 0.047U	3	
C2593	ECEV1EV330S	E. CAPACITOR 25V 33U	1	
C2594, 95	ECST1CY105	T. CAPACITOR 16V 1U	2	
C2596-01	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	6	
C2602-04	ECXFLH4722F	C. CAPACITOR CH 50V 4700P	3	
D2501-03	MA141K	DIODE	3	
D2504	MA143	DIODE	1	
D2505	MA141K	DIODE	1	
D2508	MA141K	DIODE	1	
D2509	RK34	DIODE	1	
D2510	MA141K	DIODE	1	
D2511	MA701A	DIODE	1	
D2512	MA141K	DIODE	1	
D2513	MA701A	DIODE	1	
D2514	MA141K	DIODE	1	
D2515	MA701A	DIODE	1	
D2516	MA141K	DIODE	1	
D2517	MA701A	DIODE	1	
D2518	MA143	DIODE	1	
D2531, 32	MA141K	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D2534	MA141K	DIODE	1	
D2535	MA143	DIODE	1	
D2536	MA3062M	DIODE	1	
D2537	MA704	DIODE	1	
D2538	MA141WA	DIODE	1	
D2539	MA141K	DIODE	1	
D2540	MA143	DIODE	1	
D2541	MA141WA	DIODE	1	
D2542	MA141K	DIODE	1	
F2501	EYP2BN126	FUSE	1	
IC2501	TA7712F	IC	1	
IC2503	BA6149LS	IC	1	
IC2504	BA6435S	IC	1	
IC2509	UPC4741G2	IC	1	
IC2510	NJM4558M	IC	1	
IC2511	MC14538BP	IC	1	
IC2512, 13	AN3834K	IC	2	
L2501	ELC10B006	COIL 150UH	1	
L2502, 03	VLQ0319K221	COIL 220UH	2	
L2504	ELC10B006	COIL 150UH	1	
L2505-08	ELC10B014	COIL	4	
L2509, 10	VLQ0319K470	COIL 47UH	2	
F2501, 02	VJP3387	CONNECTOR (MALE)	2	
Q2501	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2502	2SB930	TRANSISTOR	1	
Q2503-08	2SK1059-Z	TRANSISTOR	6	
Q2509-11	UN5213	TRANSISTOR	3	
Q2512	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2513, 14	1RFR9020-TR	TRANSISTOR	2	
Q2515	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2516	1RFR9020-TR	TRANSISTOR	1	
Q2517	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2518	1RFR9020-TR	TRANSISTOR	1	
Q2519	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2520	1RFR9020-TR	TRANSISTOR	1	
Q2521	2SD601-R	TRANSISTOR CHIP	1 (R)	
Q2522	1RFR9020-TR	TRANSISTOR	1	
Q2529	2SD1819A	TRANSISTOR	1	
Q2530, 31	UN5213	TRANSISTOR	2	
Q2532	UN5113	TRANSISTOR	1	
Q2533	UN5213	TRANSISTOR	1	
Q2534	2SB1218A	TRANSISTOR	1	
Q2535, 36	UN5213	TRANSISTOR	2	
Q2537	UN5113	TRANSISTOR	1	
		RESISTORS		
R2506	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2509	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R2510	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R2511-16	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	6	
R2517-19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
R2520	ERJ1SJ20	M.RESISTOR 1W 0.20	1	
R2526, 27	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R2528, 29	ERJ8GCVJ1R2	M.RESISTOR CH 1/8W 1.2	2	
R2530	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2531	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R2532	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R2533	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

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PARTS-76

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1010	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1011	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R1012	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1013	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1014,15	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R1016	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1017	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R1018	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1019-22	VRE0034E333	M.RESISTOR CH 1/10W 33K	4	
R1023	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1024	ERJ6GEYJ273	M.RESISTOR CH 1/10W 27K	1	
R1025	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R1026,27	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	2	
R1028	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1029	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1030	ERJ6GEYJ363	M.RESISTOR CH 1/10W 36K	1	
R1031	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R1032	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1033	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R1034	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1035-38	VRE0034E333	M.RESISTOR CH 1/10W 33K	4	
R1039	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1	
R1040	ERJ6GEYJ912	M.RESISTOR CH 1/10W 9.1K	1	
R1041	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R1042	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1043	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R1044	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1045	ERJ6GEYJ302	M.RESISTOR CH 1/10W 3K	1	
R1046	ERJ6GEYJ333	M.RESISTOR CH 1/10W 33K	1	
R1047	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R1048	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1049	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	1	
R1050	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1051,52	VRE0034E333	M.RESISTOR CH 1/10W 33K	2	
R1053	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
R1054	VRE0034E183	M.RESISTOR CH 1/10W 18K	1	
R1055	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	1	
R1056,57	ERJ6GEYJ183	M.RESISTOR CH 1/10W 18K	2	
R1058,59	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R1060,61	VRE0078	M.RESISTOR	2	
R1062	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R1063,64	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R1065	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R1066	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R1067	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	1	
R1068	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1069-71	ERJ6GEYJ222	M.RESISTOR CH 1/10W 2.2K	3	
R1072	ERJ6GEYJ152	M.RESISTOR CH 1/10W 1.5K	1	
R1073	VRE0078	M.RESISTOR	1	
R1074	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	
R1076-81	ERJ6GEYJ123	M.RESISTOR CH 1/10W 12K	6	
R1085	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1086	ERJ6GEYG394	M.RESISTOR CH 1/10W 39K	1	
R1087	VRE0034E223	M.RESISTOR CH 1/10W 22K	1	
R1088	VRE0034E222	M.RESISTOR CH 1/10W 2.2K	1	
R1089	VRE0072FOR1	M.RESISTOR CH 1/10W 0.1	1	
R1090	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1091,92	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R1093	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1094	VRE0078	M.RESISTOR	1	
R1095,96	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	
R1097	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1098	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1099	VRE0078	M.RESISTOR	1	
R1100	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1101	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1102	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1103	VRE0078	M.RESISTOR	1	
R1104	ERJ6GEYJ823	M.RESISTOR CH 1/10W 82K	1	
R1105	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R1106	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	1	
R1109,10	ERJ6GEYJ103	M.RESISTOR CH 1/10W 10K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
T1001	VLT0650	TRANSFORMER	1	
VR1001-05	VRV0161B50ZT	V.RESISTOR 5K	5	
VR1006	VRV0161B20ZT	V.RESISTOR 2K	1	
		MISCELLANEOUS		
	VML2144	CARD PULLER	1	
	VSC3747	SHIELD CASE	1	
	VSC3748	SHIELD CASE	1	
	XYN3+K6RS	SCREW	4	
	XYN26+C12FZ	SCREW	2	
	XNG26BFZ	NUT	2	
	XYNV3+K8S	SCREW	1	
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP80722A	P.C. BOARD W/COMPONENT		
		JACK 1		
		CAPACITORS		
C4401, 02	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C4403, 04	ECEVLHV100S	E. CAPACITOR 50V 10U	2	
C4405, 06	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C4407	ECEVLV470S	E. CAPACITOR 16V 47U	1	
C4408	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4409	ECEVLV470S	E. CAPACITOR 16V 47U	1	
C4410	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4411, 12	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2	
C4413, 14	ECEVLHV100S	E. CAPACITOR 50V 10U	2	
C4415, 16	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C4417	ECEVLV470S	E. CAPACITOR 16V 47U	1	
C4418	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4419	ECEVLV470S	E. CAPACITOR 16V 47U	1	
C4420	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4421	ECEVLHV100S	E. CAPACITOR 50V 10U	1	
C4422, 23	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C4424	ECEVLV470S	E. CAPACITOR 16V 47U	1	
C4425	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4426	ECEVLV470S	E. CAPACITOR 16V 47U	1	
C4427, 28	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	2	
C4429	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
C4430	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4431	ECEVLN100S	E. CAPACITOR 10V 10U	1	
C4432	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4434	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4435	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C4436	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4437	ECUX1H331JCV	C. CAPACITOR CH 50V 330P	1	
C4438	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4439	ECEVLN100S	E. CAPACITOR 10V 10U	1	
C4440	ECUX1H681K8V	C. CAPACITOR CH 50V 680P	1	
C4441	ECUX1C104Z FV	C. CAPACITOR CH 16V 0.1U	1	
C4442	ECEVLV100S	E. CAPACITOR 16V 10U	1	
C4443, 44	ECUX1H472K8V	C. CAPACITOR CH 50V 4700P	2	
C4445-48	ECEVLV470S	E. CAPACITOR 16V 47U	4	
C4449	ECEVLN330SP	E. CAPACITOR 6.3V 330U	1	
C4450, 51	ECST1CB475Z	T. CAPACITOR 16V 4.7U	2	
C4452	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	1	
D4401-08	MA8036-L	DIODE	8	
IC4401, 02	NUM5532MD	IC	2	
IC4403, 04	NUM4558M	IC	2	
IC4405	NUM4560MD	IC	1	
IC4406	NUM4558M	IC	1	
LA401-06	VLQ0319K100	COIL 10UH	6	
P901	VJS2907D020	CONNECTOR (FEMALE)	1	
P902, 03	VJP1607T	CONNECTOR (MALE)	2	
P904	VJP1243T	CONNECTOR (MALE) 3P	1	
P905-12	VJP1607T	CONNECTOR (MALE)	8	
Q4401	2SD1819A	TRANSISTOR	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP00723A	P.C. BOARD W/COMPONENT JACK 2			C4555	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
					C4556, 57	ECEV1AN330SP	E.CAPACITOR 6.3V 330U	2	
					C4558, 59	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	2	
					C4560	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
					C4561, 62	ECEV1AN330SP	E.CAPACITOR 6.3V 330U	2	
					C4563, 64	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	2	
					C4565	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
					C4566	ECEV1AN330SP	E.CAPACITOR 6.3V 330U	1	
					C4567-70	ECEV1CV470S	E.CAPACITOR 16V 47U	4	
					C4571	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
					C4573, 74	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	2	
					C4575	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
					C4576, 77	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	2	
					C6901, 02	ECEV1EN4R7S	E.CAPACITOR 25V 4.7U	2	
					C6903	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	1	
					C6904	ECST1CB475Z	T.CAPACITOR 16V 4.7U	1	
					C6905	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	1	
					C6906, 07	ECST1CB475Z	T.CAPACITOR 16V 4.7U	2	
					C6908	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	1	
					C6909	ECEV1HV010S	E.CAPACITOR 50V 1U	1	
					C6910	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	1	
					C6911	ECST1CB475Z	T.CAPACITOR 16V 4.7U	1	
					C6912	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	1	
					C6913	ECST1CB475Z	T.CAPACITOR 16V 4.7U	1	
					C6925	ECST1EY105Z	T.CAPACITOR 25V 1U	1	
					C6926, 27	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	2	
					D4501, 02	MA141WK	DIODE	2	
					D4503	MA143	DIODE	1	
					D6901-03	MA143	DIODE	3	
					IC3301-03	CXA1451M	IC	3	
					IC4501	MC14053BF	IC	1	(R)
					IC4502	NJM4580ED	IC	1	
					IC4503	NJM5532MD	IC	1	
					IC4504	MC14053BF	IC	1	(R)
					IC4505	NJM4580ED	IC	1	
					IC4506	NJM5532MD	IC	1	
					IC4507-12	NJM4580ED	IC	6	
					IC6901	NJM206QM	IC	1	
					IC6902	PC74HC123T	IC	1	
					IC6903	NJM4556MB	IC	1	
					IC6904	NJM78L12UA	IC	1	
					IC6905	PC74HC08T	IC	1	
					L3301, 02	VLQ0319K100	COIL 10UH	2	
					L4501	VLQ0319K220	COIL 22UH	1	
					P801	VJS2907D018	CONNECTOR (FEMALE)	1	
					P802, 03	VJS2907D020	CONNECTOR (FEMALE)	2	
					P805	VJP2741B030	CONNECTOR (MALE)	1	
					P806	VJP1608T	CONNECTOR (MALE)	1	
					P809-14	VJP1596T	CONNECTOR (MALE)	3P	6
					P815	VJP1603T	CONNECTOR (MALE)	10P	1
					P816	VJP1596T	CONNECTOR (MALE)	3P	1
					P817	VJP1603T	CONNECTOR (MALE)	10P	1
					P818	VJP1610T	CONNECTOR		1
					P819	VJP1599T	CONNECTOR (MALE)	6P	1
					P820	VJP1611T	CONNECTOR (MALE)		1
					Q3302	2SA1532-B	TRANSISTOR	1	(B)
					Q4501-06	2SD1979	TRANSISTOR	6	
					Q4507, 08	UN5213	TRANSISTOR	2	
					Q4509	2SD1819A	TRANSISTOR	1	
					Q4510	2SB1219	TRANSISTOR	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q4511	2SB1218	TRANSISTOR	1	
Q4512	UN5213	TRANSISTOR	1	
Q4513	2SD1819A	TRANSISTOR	1	
Q4514	2SB1218	TRANSISTOR	1	
Q4515-17	UN5213	TRANSISTOR	3	
Q4518,19	2SB1219	TRANSISTOR	2	
Q6901	UN5213	TRANSISTOR	1	
		RESISTORS		
R3302	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3304	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3306	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3307-10	VRE0034E151	M.RESISTOR CH 1/10W 150	4	
R3311	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3316	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3317-20	VRE0034E151	M.RESISTOR CH 1/10W 150	4	
R3324	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
R3325	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3326	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R3327	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3333-39	VRE0034E750	M.RESISTOR CH 1/10W 75	7	
R3341,42	VRE0034E750	M.RESISTOR CH 1/10W 75	2	
R3344-46	VRE0034E750	M.RESISTOR CH 1/10W 75	3	
R3348	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R3349	VRE0034E122	M.RESISTOR CH 1/10W 1.2K	1	
R4501	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4502	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
R4503	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R4504	ERJ6GEYR000	M.RESISTOR CH 1/10W 0	1	
R4505,06	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4507	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4508	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4509	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4510	VRE0034E152	M.RESISTOR CH 1/10W 1.5K	1	
R4511	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4512,13	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4514	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4515	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4516-19	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R4520	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4521	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4522	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
R4523	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	1	
R4524	ERJ6GEYR000	M.RESISTOR CH 1/10W 0	1	
R4525,26	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4527	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4528	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4529	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4530	VRE0034E152	M.RESISTOR CH 1/10W 1.5K	1	
R4531	VRE0034E393	M.RESISTOR CH 1/10W 39K	1	
R4532,33	VRE0034E332	M.RESISTOR CH 1/10W 3.3K	2	
R4534	VRE0034E333	M.RESISTOR CH 1/10W 33K	1	
R4535	ERJ6GEYJ390	M.RESISTOR CH 1/10W 39	1	
R4536-39	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R4540-42	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4543,44	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R4545	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4546	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4547	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4548,49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R4550	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4552,53	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4555,56	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4557-60	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	4	
R4561,62	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4564	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4565	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4566	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R4567	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4568	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4569	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4570	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4571-74	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4575,76	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
R4578	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4579	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4580	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R4581	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4582	ERJ6GEYJ105	M.RESISTOR CH 1/10W 1M	1	
R4583	ERJ6GEYJ101	M.RESISTOR CH 1/10W 100	1	
R4584-86	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4587	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4588	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4589	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R4590	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4591	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4592,93	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4594	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4595	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1	
R4596	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4597,98	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R4610	VRE0034E222	M.RESISTOR CH 1/10W 2.2K	1	
R4611	VRE0034E392	M.RESISTOR CH 1/10W 3.9K	1	
R4612	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4613	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4614	VRE0034E222	M.RESISTOR CH 1/10W 2.2K	1	
R4615	VRE0034E392	M.RESISTOR CH 1/10W 3.9K	1	
R4616	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
R4617	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4620-23	VRE0034E222	M.RESISTOR CH 1/10W 2.2K	4	
R6901	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6902	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6903	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R6904	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6905	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R6907,08	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R6910,11	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R6913	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R6915,16	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	2	
R6917	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R6918,19	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	2	
R6920	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R6922	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R6923,24	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	2	
R6925,26	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83148C	P.C. BOARD W/COMPONENT			R3011,12	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
		PBO			R3013	VRE0034E221	M.RESISTOR CH 1/10W 220	1	
					R3014	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
					R3015,16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
					R3017	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
					R3018	VRE0034E330	M.RESISTOR CH 1/10W 33	1	
					R3019-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
					R3023	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
					R3024	VRE0034E330	M.RESISTOR CH 1/10W 33	1	
					R3025-28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
		CAPACITORS			R3029,30	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
C3001	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1		R3031	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
C3002,03	ECUX1H040CCV	C.CAPACITOR CH 50V 4P	2		R3032	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
C3004	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1		R3033,34	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
C3005,06	ECUX1H040CCV	C.CAPACITOR CH 50V 4P	2		R3035,36	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
C3007-14	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	8		R3037	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
C3016	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1		R3038	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
C3017	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	1		R3039	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
C3019	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1		R3041	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
C3021,22	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	2		R3042	VRE0034E820	M.RESISTOR CH 1/16W 82	1	
C3024-64	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	41		R3043,44	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
C3065-71	ECEVOJV101S	E.CAPACITOR 6.3V 100U	7		R3045-47	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
C3072-77	ECEVOJV220S	E.CAPACITOR 6.3V 22U	6		R3049	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
C3078-86	ECUX1C1042FV	C.CAPACITOR CH 16V 0.1U	9		R3050	VRE0034E820	M.RESISTOR CH 1/16W 82	1	
C3087	ECUX1H560JCV	C.CAPACITOR CH 50V 56P	1		R3051,52	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
					R3053-55	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
					R3056	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
					R3057	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
D3001,02	PC54M-5	DIODE	2		R3058	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
D3005,06	MA143	DIODE	2		R3059-61	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	
D3007,08	1S154	DIODE	2		R3062	VRE0034E473	M.RESISTOR CH 1/10W 47K	1	
					R3063	VRE0034E271	M.RESISTOR CH 1/10W 270	1	
					R3064	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
					R3065-69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
FL3001,02	VLFO931	COIL	2		R3070-73	VRE0034E101	M.RESISTOR CH 1/10W 100	4	
					R3074	VRE0034E331	M.RESISTOR CH 1/10W 330	1	
					R3075,76	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
					R3077	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
IC3001,02	MB10HL116PFF	IC	2		R3078-83	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
IC3003,04	VCR0354	IC	2		R3084-87	VRE0034E101	M.RESISTOR CH 1/10W 100	4	
IC3005	MB10HL107PFF	IC	1		R3088	VRE0034E331	M.RESISTOR CH 1/10W 330	1	
IC3006	MB10HL116PFF	IC	1		R3089,90	VRE0034E101	M.RESISTOR CH 1/10W 100	2	
IC3007	L7A0754	IC	1		R3091	VRE0034E100	M.RESISTOR CH 1/10W 10	1	
IC3008	MB10HL107PFF	IC	1		R3092-96	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	
IC3009	MB10HL116PFF	IC	1		R3097	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3010	L7A0754	IC	1		R3098-02	VRE0034E101	M.RESISTOR CH 1/10W 100	5	
IC3011,12	NJM062M	IC	2		R3103	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3013	VSC3KI128FL	IC	1		R3104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC3014	L7A0755	IC	1		R3105	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3015	VSC3KI128FL	IC	1		R3106-10	VRE0034E101	M.RESISTOR CH 1/10W 100	5	
IC3016	L7A0755	IC	1		R3111	VRE0034E562	M.RESISTOR CH 1/10W 5.6K	1	
IC3017,18	MC74HC541F	IC	2		R3112	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
IC3020,21	MB10HL116PFF	IC	2		R3113,14	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
IC3022,23	MC74HC541F	IC	2		R3115	VRE0034E272	M.RESISTOR CH 1/10W 2.7K	1	
IC3024	PC74HC4053T	IC	1		R3116	VRE0034E821	M.RESISTOR CH 1/10W 820	1	
					R3117,18	VRE0034E103	M.RESISTOR CH 1/10W 10K	2	
					R3119	VRE0034E272	M.RESISTOR CH 1/10W 2.7K	1	
					R3120	VRE0034E821	M.RESISTOR CH 1/10W 820	1	
L3003,04	VLQ0319K100	COIL 10UH	2		R3121	VRE0034E101	M.RESISTOR CH 1/10W 100	1	
L3005,06	VLQ0163JR56	COIL	2		R3122	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3123-28	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	
					R3129	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3130-43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	14	
P3001-03	VJP3387	CONNECTOR (MALE)	3		R3144	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3145	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
					R3146	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
					R3147	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	
		RESISTORS			R3148	VRE0034E511	RESISTOR	1	
R3001,02	ERSB22J242	.RESISTOR	2		R3149	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3003	VRE0034E750	M.RESISTOR CH 1/10W 75	1		R3150	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3004,05	VRE0034E101	M.RESISTOR CH 1/10W 100	2		R3151	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3006	VRE0034E750	M.RESISTOR CH 1/10W 75	1		R3153	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3007,08	VRE0034E101	M.RESISTOR CH 1/10W 100	2		R3154	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3009	VRE0034E221	M.RESISTOR CH 1/10W 220	1		R3155	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3010	VRE0034E750	M.RESISTOR CH 1/10W 75	1		R3156	VRE0034E102	M.RESISTOR CH 1/10W 1K	1	

[illegible]

PAL

PARTS-86

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP83150C	P.C. BOARD W/COMPONENT			IC3002	PC74HC221T	IC	1	
		PB2			IC3004	NE5539D	IC	1	
					IC3005	NJM064M	IC	1	
					IC3009	TC7SOOF	IC	1	
					IC3010	L7A0543	IC	1	
					IC3011	PC74HC74T	IC	1	
					IC3013	PC74HC157T	IC	1	
					IC3014	SM5640ES	IC	1	
					IC3015	NJU7201U50	IC	1	
					IC3016	PCM69AU-K	IC	1	
					IC3017	MCI4052BF	IC	1	
		CAPACITORS			IC3018	VS11167	IC	1	
C3000,01	ECEV1ENR3S	E. CAPACITOR 25V 3.3U	2		IC3019	MC74HC541F	IC	1	
C3003	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1		IC3020	NJM5532MD	IC	1	
C3004-10	ECEV1CV470S	E. CAPACITOR 16V 47U	7		IC3022,23	NJM4580ED	IC	2	
C3011	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		IC3026,27	NJM4580ED	IC	2	
C3012	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	1		IC3030	NJM4580ED	IC	1	
C3013	ECUM1H331JCN	C. CAPACITOR CH 50V 330P	1		IC3032	L7A0837	IC	1	
C3014	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	1		IC3033	SN74AS240NS	IC	1	
C3015	ECUX1H56QJCV	C. CAPACITOR CH 50V 56P	1		IC3034	UPD71055GB	IC	1	
C3017	ECUX1H020CCV	C. CAPACITOR CH 50V 2P	1		IC3035	VS11168A	IC	1	
C3018	ECUX1H391JCV	C. CAPACITOR CH 50V 390P	1		IC3036	VS11169	IC	1	
C3019	ECUX1H56QJCV	C. CAPACITOR CH 50V 56P	1		IC3037	VS11250A	IC	1	
C3020	ECUM1E104KBN	C. CAPACITOR CH 25V 0.1U	1		IC3038	51951BML600D	IC	1	
C3022	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	1		IC3039	M3770054FP	IC	1	
C3023	ECUM1H470JCN	C. CAPACITOR CH 50V 47P	1		IC3040	MC74HC541F	IC	1	
C3024-26	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	3		IC3041	MC74HC245AF	IC	1	
C3027	ECUM1H471JCN	C. CAPACITOR CH 50V 470P	1		IC3042	PC74HC004T	IC	1	
C3028-35	ECEV1AN100S	E. CAPACITOR 10V 10U	8		IC3037F	VJF0949	IC HOLDER	1	
C3036-40	ECEVOJV101S	E. CAPACITOR 6.3V 100U	5		IC3018S	VJS2575	CONNECTOR (FEMALE)	1	
C3041,42	ECEV1CV470S	E. CAPACITOR 16V 47U	2		IC3035S	VJS2575	CONNECTOR (FEMALE)	1	
C3043	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1		IC3036S	VJS2575	CONNECTOR (FEMALE)	1	
C3044	ECEVOJV330S	E. CAPACITOR 6.3V 33U	1		IC3037S	VJS3146Z02B	IC SOCKET	1	
C3045	ECEVOJV220S	E. CAPACITOR 6.3V 22U	1						
C3046	ECEVOJV330S	E. CAPACITOR 6.3V 33U	1						
C3047	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1						
C3048,49	ECEV1CV100S	E. CAPACITOR 16V 10U	2						
C3050,51	ECEVOJV101S	E. CAPACITOR 6.3V 100U	2		L3000	VLQ0133K021	COIL 820UH	1	
C3052-55	ECEV1CV100S	E. CAPACITOR 16V 10U	4		L3001-07	VLQ0319K220	COIL 22UH	7	
C3056-59	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	4						
C3060,61	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2						
C3062,63	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	2						
C3064,65	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		P3000-02	VJP3387	CONNECTOR (MALE)	3	
C3066-71	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	6						
C3072,73	ECUX1H101JCV	C. CAPACITOR CH 50V 100P	2						
C3074,75	ECUX1H122KBV	C. CAPACITOR CH 50V 1200P	2						
C3076,77	ECUX1H561KBV	C. CAPACITOR CH 50V 560P	2						
C3078,79	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		Q3000,01	2SB1218A	TRANSISTOR	2	
C3080,81	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	2		Q3002-08	2SD1819A	TRANSISTOR	7	
C3082-85	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	4		Q3009	2SK198	TRANSISTOR CHIP	1	(Q,R,S)
C3086-96	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	11		Q3010,11	2SB1219	TRANSISTOR	2	
C3097	ECEV1EV4R7S	E. CAPACITOR 25V 4.7U	1		Q3012	2SB1218A	TRANSISTOR	1	
C3098,99	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2		Q3013-16	2SD1979	TRANSISTOR	4	
C3100	ECEVOJV101S	E. CAPACITOR 6.3V 100U	1		Q3017	2SD1819A	TRANSISTOR	1	
C3101-04	ECEV1CV470S	E. CAPACITOR 16V 47U	4		Q3018	UN5213	TRANSISTOR	1	
C3105,06	ECEVOJV101S	E. CAPACITOR 6.3V 100U	2		Q3019-27	UN5111	TRANSISTOR	9	
C3107-41	ECUX1C104ZPV	C. CAPACITOR CH 16V 0.1U	35						
C3142	ECEA1ESN3R3	E. CAPACITOR 25V 3.3U	1						
C3143,44	ECDF1H330JC	C. CAPACITOR 50V 33P	2				RESISTORS		
					R3000	VRE0034E105	M.RESISTOR CH 1/10W 1000K	1	
					R3001	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
					R3002	VRE0034E162	M.RESISTOR CH 1/10W 1.6K	1	
					R3003	VRE0034E750	M.RESISTOR CH 1/10W 75	1	
D3000-02	MA3082M	DIODE	3		R3004,05	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
D3003	MA141MK	DIODE	1		R3006	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
D3004	MA143	DIODE	1		R3007,08	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
D3005-09	LN1251CAL-TR	DIODE	5		R3009	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
					R3010,11	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
					R3012	ERJ3GEYJ389	M.RESISTOR CH 1/16W 3.9	1	
					R3013	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
FL3000	VLF1006	FILTER	1		R3014	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
FL3001	VLP0931	COIL	1		R3015	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
					R3017,18	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
					R3019	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	1	
IC3000	NJU7201U50	IC	1		R3020	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
IC3001	MB40760PF	IC	1		R3021	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3022	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R3023	ERJ3GEYJ682	M.RESISTOR CH 1/16W 6.8K	1	
R3024	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3025	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3026	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R3028	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3029	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3030	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3031	VRE0034E301	M.RESISTOR CH 1/10W 300	1	
R3032	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R3033	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3034	VRE0034E301	M.RESISTOR CH 1/10W 300	1	
R3035, 36	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	2	
R3037	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R3038, 39	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	2	
R3040	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R3041	ERJ3GEYJ822	M.RESISTOR CH 1/16W 8.2K	1	
R3042	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R3043	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R3044	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R3045	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3047	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3049	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3051, 52	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3053	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3054	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3055	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3056-59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3060, 61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3062	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3063, 64	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R3065, 66	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3067	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1	
R3068	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R3069	ERJ3GEYJ432	M.RESISTOR CH 3W 4.3K	1	
R3070	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R3071-74	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	4	
R3075	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3076, 77	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R3078, 79	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3080-83	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	4	
R3084	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3085, 86	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	2	
R3087, 88	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3089, 90	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	2	
R3091	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3092, 93	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	2	
R3094, 95	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	
R3096, 97	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	2	
R3098, 99	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	2	
R3100, 01	ERJ3GEYJ512	M.RESISTOR CH 3W 5.1K	2	
R3102, 03	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	2	
R3104, 05	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	2	
R3106-09	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	
R3110, 11	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	2	
R3112, 13	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R3114, 15	ERJ3GEYJ471	M.RESISTOR CH 1/16W 470	2	
R3116	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R3117	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R3118, 19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3120, 21	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R3123-26	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R3127	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3128	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3129	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3131	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3133	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3135	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3137	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3139	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3141	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3144	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3145	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R3146	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R3149	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	

[illegible]

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP81064A	P. C. BOARD W/COMPONENT		
		PB POWER		
		CAPACITORS		
C1001,02	ECA1EFQ221	E. CAPACITOR 25V 220U	2	
C1003	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1004	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C1005	ECEVOJV220S	E. CAPACITOR 6.3V 22U	1	
C1006	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1007	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1008	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1009	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1010	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1011	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1012	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C1013	ECEVOJV220S	E. CAPACITOR 6.3V 22U	1	
C1014	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1015	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1016	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1017	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1018	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1019	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1020	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C1021	ECEVOJV220S	E. CAPACITOR 6.3V 22U	1	
C1022	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1023	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1024	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1025	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1026	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1027	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1028	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C1029	ECEVOJV220S	E. CAPACITOR 6.3V 22U	1	
C1030	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1031	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1032	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1033	ECEV1HV3R3S	E. CAPACITOR 50V 3.3U	1	
C1034	ECA1CFQ331	E. CAPACITOR 16V 330U	1	
C1035,36	ECA1CFQ271	E. CAPACITOR 16V 270U	2	
C1037-41	ECA1CFQ121	E. CAPACITOR 16V 120U	5	
C1042	ECA1CFQ331	E. CAPACITOR 16V 330U	1	
C1043	ECA1CFQ271	E. CAPACITOR 16V 270U	1	
C1044-49	ECA1CFQ121	E. CAPACITOR 16V 120U	6	
C1050	ECUX1H471KBV	C. CAPACITOR CH 50V 470P	1	
C1051	ECUX1H103KBV	C. CAPACITOR CH 50V 0.01U	1	
C1052	ECEV1CV100S	E. CAPACITOR 16V 10U	1	
C1053,54	ECA1CFQ331	E. CAPACITOR 16V 330U	2	
C1055-61	ECCF1H150JC	C. CAPACITOR 50V 15P	7	
D1002	MA141K	DIODE	1	
D1003	DE5SC4M-4061	DIODE	1	
D1004	MA141K	DIODE	1	
D1005	MA738	DIODE	1	
D1006	MA141K	DIODE	1	
D1007	MA738	DIODE	1	
D1008	MA141K	DIODE	1	
D1009	MA738	DIODE	1	
D1010	MA141K	DIODE	1	
D1011	DE5SC4M-4061	DIODE	1	
D1012	MA141K	DIODE	1	
D1013	MA738	DIODE	1	
D1014	MA141K	DIODE	1	
D1015	MA738	DIODE	1	
D1016	MA141K	DIODE	1	
D1017	MA752A	DIODE	1	
D1018	MA738	DIODE	1	
D1019	MA752A	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC1001-04	TL1451CNS	IC	4	
LI001-03	VLQ0546	COIL 50UH	3	
LI004	ELC10B015	COIL	1	
LI005	ELC08G003	COIL	1	
LI006	ELC08D050	COIL	1	
LI007	ELC08G003	COIL	1	
LI008	ELC08D050	COIL	1	
LI009	ELC08G003	COIL	1	
LI010	ELC10B015	COIL	1	
LI011	VLQ0214	COIL 50UH	1	
LI012	ELC08D050	COIL	1	
LI013	ELC08G003	COIL	1	
LI014	ELC08D050	COIL	1	
LI015	ELC08G003	COIL	1	
LI016	ELC08D050	COIL	1	
LI017	ELC08G003	COIL	1	
P1001	WJP2898B050	CONNECTOR (MALE)	1	
Q1001,02	2SJ176	TRANSISTOR	2	
Q1003-05	UN5213	TRANSISTOR	3	
Q1006,07	2SB1218A	TRANSISTOR	2	
Q1008-10	UN5213	TRANSISTOR	3	
Q1011,12	2SB1218A	TRANSISTOR	2	
Q1013-15	UN5213	TRANSISTOR	3	
Q1016-18	2SB1218A	TRANSISTOR	3	
Q1019-21	2SD1819A	TRANSISTOR	3	
Q1022	2SB1218A	TRANSISTOR	1	
Q1023	2SD1819A	TRANSISTOR	1	
Q1024	2SB1218A	TRANSISTOR	1	
Q1025	2SK1059-2	TRANSISTOR	1	
Q1026	2SD1819A	TRANSISTOR	1	
Q1027	IRFR9020-TR	TRANSISTOR	1	
Q1028	2SD1819A	TRANSISTOR	1	
Q1029	IRFR9020-TR	TRANSISTOR	1	
Q1030	2SD1819A	TRANSISTOR	1	
Q1031	IRFR9020-TR	TRANSISTOR	1	
Q1032	2SD1819A	TRANSISTOR	1	
Q1033	IRFR9020-TR	TRANSISTOR	1	
Q1034	2SD1819A	TRANSISTOR	1	
Q1035	IRFR9020-TR	TRANSISTOR	1	
Q1036,37	2SB1218A	TRANSISTOR	2	
Q1038	2SD1819A	TRANSISTOR	1	
Q1039	IRFR9020-TR	TRANSISTOR	1	
Q1040	2SD1819A	TRANSISTOR	1	
Q1041	IRFR9020-TR	TRANSISTOR	1	
Q1042	UN1213	TRANSISTOR-RESISTOR	1	
Q1045,46	UN5213	TRANSISTOR	2	
Q1047,48	2SB1218A	TRANSISTOR	2	
Q1049	2SD1819A	TRANSISTOR	1	
Q1050	UN5213	TRANSISTOR	1	
Q1051	2SB1218A	TRANSISTOR	1	
Q1052	2SD1819A	TRANSISTOR	1	
Q1053	2SB1218A	TRANSISTOR	1	
Q1054,55	2SD1819A	TRANSISTOR	2	
Q1056,57	2SB1218A	TRANSISTOR	2	
Q1058	2SD1819A	TRANSISTOR	1	
		RESISTORS		
R1001	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1002	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R1003-06	VRE0034E333	M.RESISTOR CH 1/10W 33K	4	
R1007	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1008	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1		R1105	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1009	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		R1106	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1010	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1107	VRE0078	M.RESISTOR	1	
R1011	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1		R1108	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1012	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1109	VRE0078	M.RESISTOR	1	
R1013	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R1110	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1014,15	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2		R1111	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1016	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1112	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1017	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1		R1113	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1		R1114	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1019-22	VRE0034E333	M.RESISTOR CH 1/10W 33K	4		R1115	VRE0078	M.RESISTOR	1	
R1023	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1		R1116	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1024	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1		R1117	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1025	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		R1118	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R1026,27	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	2						
R1028	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1029	ERJ6GEYJ472	M.RESISTOR CH 1/10W 4.7K	1						
R1030	ERJ3GEYJ363	M.RESISTOR CH 1/16W 36K	1		VR1001-04	VRV0069B502	V.RESISTOR	5K	4
R1031	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1		VR1005	VRV0069B202	V.RESISTOR	2K	1
R1032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1033	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1034	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1035-38	VRE0034E333	M.RESISTOR CH 1/10W 33K	4				MISCELLANEOUS		
R1039	ERJ6GEYJ392	M.RESISTOR CH 1/10W 3.9K	1			VML2143	CARD PULLER		1
R1040	ERJ3GEYJ912	M.RESISTOR CH 3W 9.1K	1			VSC3749	SHIELD CASE		1
R1041	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1			XVN3+K6RS	SCREW		4
R1042	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1			XVN26+C12FZ	SCREW		2
R1043	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1			XNG26BFZ	NUT		2
R1044	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1			XNV3+K8S	SCREW		5
R1045	VRE0034E392	M.RESISTOR CH 1/10W 3.9K	1						
R1046	VRE0034E153	M.RESISTOR CH 1/10W 15K	1						
R1047	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R1048	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1049	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1050	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1051,52	VRE0034E333	M.RESISTOR CH 1/10W 33K	2						
R1053	VRE0034E242	M.RESISTOR CH 1/10W 2.4K	1						
R1054	VRE0034E752	M.RESISTOR CH 1/10W 7.5K	1						
R1055	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R1056	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1057	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1058	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1059	ERDS2TJ123	C.RESISTOR 1/4W 12K	1						
R1060,61	VRE0034E333	M.RESISTOR CH 1/10W 33K	2						
R1062	VRE0034E472	M.RESISTOR CH 1/10W 4.7K	1						
R1063	VRE0034E243	M.RESISTOR CH 1/10W 2.4K	1						
R1064	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1065	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R1066	ERJ3GEYJ152	M.RESISTOR CH 1/16W 1.5K	1						
R1067	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1						
R1068	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R1069,70	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2						
R1071	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R1072	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1073	VRE0078	M.RESISTOR	1						
R1074	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1						
R1075	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1						
R1076	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1077	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1						
R1078	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R1079-83	ERDS2TJ123	C.RESISTOR 1/4W 12K	5						
R1084,85	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R1086	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1						
R1087	VRE0072FOR1	M.RESISTOR CH 1/10W 0.1	1						
R1088	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R1089	VRE0078	M.RESISTOR	1						
R1090	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1091	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1						
R1092	VRE0078	M.RESISTOR	1						
R1093	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						
R1094	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1						
R1095,96	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2						
R1099,00	ERDS2TJ123	C.RESISTOR 1/4W 12K	2						
R1103	VRE0078	M.RESISTOR	1						
R1104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1						

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP86113A	P.C. BOARD W/COMPONENT		
		REMOTE		
		CAPACITORS		
C6101-05	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	5	
C6106 .07	ECUM1H330JCN	C. CAPACITOR CH 50V 33P	2	
C6110-13	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	4	
C6201	BCEVLV470S	E. CAPACITOR 16V 47U	1	
C6202 ,03	ECUM1H1042FN	C. CAPACITOR CH 50V 0.1U	2	
C6204 ,05	ECUM1H331JCN	C. CAPACITOR CH 50V 330P	2	
C6206	ECEVL1EV4R7S	E. CAPACITOR 25V 4.7U	1	
D6201 ,02	MA153A	DIODE	2	
IC6101	M37700S4FP	IC	1	
IC6102	VSI1233	IC	1	
IC6103	MC14584BF	IC	1	
IC6104	PC74HC004T	IC	1	
IC6105	PC74HC32T	IC	1	
IC6106	TL7700CPS	IC	1	
IC6107	TL431CLP	IC	1	
IC6108-11	LM339DB	IC	4	
IC6201	M50763-111SP	IC	1	
IC6102F	VJF0949	IC HOLDER	1	
IC6102S	VJS31462028	IC SOCKET	1	
L6201	VLQ0319K220	COIL 22UH	1	
P6201	VJP2898B050	CONNECTOR (MALE)	1	
		RESISTORS		
R6101-03	VRE0034E103	M. RESISTOR CH 1/10W 10K	3	
R6104	VRE0034E393	M. RESISTOR CH 1/10W 39K	1	
R6105-08	VRE0034E103	M. RESISTOR CH 1/10W 10K	4	
R6109	VRE0034E682	M. RESISTOR CH 1/10W 6.8K	1	
R6110	VRE0034E432	M. RESISTOR CH 1/10W 4.3K	1	
R6111	VRE0034E332	M. RESISTOR CH 1/10W 3.3K	1	
R6112	VRE0034E472	M. RESISTOR CH 1/10W 4.7K	1	
R6113	VRE0034E123	M. RESISTOR CH 1/10W 12K	1	
R6114	VRE0034E562	M. RESISTOR CH 1/10W 5.6K	1	
R6115	VRE0034E272	M. RESISTOR CH 1/10W 2.7K	1	
R6116	VRE0034E823	M. RESISTOR CH 1/10W 82K	1	
R6117	VRE0034E682	M. RESISTOR CH 1/10W 6.8K	1	
R6118-24	VRE0034E103	M. RESISTOR CH 1/10W 10K	7	
R6125	VRE0034E682	M. RESISTOR CH 1/10W 6.8K	1	
R6126 ,27	VRE0034E432	M. RESISTOR CH 1/10W 4.3K	2	
R6128 ,29	VRE0034E223	M. RESISTOR CH 1/10W 22K	2	
R6130	VRE0034E123	M. RESISTOR CH 1/10W 12K	1	
R6131	VRE0034E562	M. RESISTOR CH 1/10W 5.6K	1	
R6132-46	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	15	
R6147	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1	
R6148	ERJ6GEYJ221	M. RESISTOR CH 1/10W 220	1	
R6149-51	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	3	
R6152	VRE0034E103	M. RESISTOR CH 1/10W 10K	1	
R6153	VRE0034E332	M. RESISTOR CH 1/10W 3.3K	1	
R6155	ERJ6GEYJ122	M. RESISTOR CH 1/10W 1.2K	1	
R6160	ERJ6GEYJ104	M. RESISTOR CH 1/10W 100K	1	
R6201-06	ERJ6GEYJ473	M. RESISTOR CH 1/10W 47K	6	
R6207	ERJ6GEYJ105	M. RESISTOR CH 1/10W 1M	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6208	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R6214	ERJ6GEYJ473	M.RESISTOR CH 1/10W 47K	1	
R6215	ERJ6GEYJ102	M.RESISTOR CH 1/10W 1K	1	
R6216	ERJ6GEYJ104	M.RESISTOR CH 1/10W 100K	1	
X6101	VSX0465	CRYSTAL OSCILLATOR	1	
X6201	VSX0144	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VML2144	CARD PULLER	1	
	XYN26+C12FZ	SCREW	2	
	XNG26BFZ	NUT	2	
	■ VEP80800A	P.C. BOARD W/COMPONENT REMOTE JACK		
CN010	VJJ0316	E.P JACK	1	
	■ VEP64151A	P.C. BOARD W/COMPONENT FE/BIAS OSC		
		CAPACITORS		
C4701	ECST1CC106Z	T.CAPACITOR 16V 10U	1	
C4703	ECST1CY335Z	T.CAPACITOR 16V 3.3U	1	
C4704	ECST1CC106Z	T.CAPACITOR 16V 10U	1	
C4705 .06	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	2	
C4707	ECEV1CV100S	E.CAPACITOR 16V 10U	1	
C4708	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4709	ECEV1CV100S	E.CAPACITOR 16V 10U	1	
C4710	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C4711	ECEV1HN010S	E.CAPACITOR 50V 1U	1	
C4712 .13	ECEV1CV100S	E.CAPACITOR 16V 10U	2	
C4714	ECEV1CV470S	E.CAPACITOR 16V 47U	1	
C4715-18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C4719	VCF2JAB362J	P.CAPACITOR 630V 3600P	1	
C4720 .21	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C4722-27	ECUX1C104ZFV	C.CAPACITOR CH 16V 0.1U	6	
C4728	VCC0030	C.CAPACITOR	1	
D4701 -04	MA141K	DIODE	4	
FL4701	EIR7QF012B	FILTER	1	
IC4701	NJPM565MD	IC	1	
IC4702	TC4S66F	IC	1	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4703	NJM4558M	IC	1	
IC4704	NJM2903M	IC	1	
L4701	VLQ0319K680	COIL 68UH	1	
P4701	VJP3194D	CONNECTOR (MALE)	1	
P4702	VJP1599T	CONNECTOR (MALE) 6P	1	
P4703	VJP1607T	CONNECTOR (MALE)	1	
P4704	VJP1596T	CONNECTOR (MALE) 3P	1	
Q4701,02	2SD1979	TRANSISTOR	2	
Q4703,04	2SD1824	TRANSISTOR	2	
Q4705	2SB1220	TRANSISTOR	1	
Q4706,07	2SD1819A	TRANSISTOR	2	
Q4708	UN5113	TRANSISTOR	1	
Q4709	2SB1219	TRANSISTOR	1	
Q4710	2SD1819A	TRANSISTOR	1	
Q4711,12	2SD602A	TRANSISTOR	2 (T,W)	
Q4713,14	2SD1819A	TRANSISTOR	2	
Q4715	2SB1218	TRANSISTOR	1	
Q4716	UN5213	TRANSISTOR	1	
R4703	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4704-06	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	3	
R4707	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R4708	ERJ3GEYJ332	M.RESISTOR CH 1/16W 3.3K	1	
R4709	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4710	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4711	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4712,13	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R4714	ERJ3GEYJ102	M.RESISTOR CH 1/16W 1K	1	
R4715	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4716	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4717	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R4718	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4719-21	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	3	
R4722	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R4723	ERJ3GEYJ472	M.RESISTOR CH 1/16W 4.7K	1	
R4724	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4725	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R4726	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4727	ERJ3GEYJ561	M.RESISTOR CH 1/16W 560	1	
R4728,29	ERJ6GEYK2R2	M.RESISTOR CH 1/10W 2.2	2	
R4730,31	ERJ6GEYJ223	M.RESISTOR CH 1/10W 22K	2	
R4732	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4733	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4734	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4735,36	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	2	
R4737	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4738	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R4739	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4740	ERJ6GEYK1R0	M.RESISTOR CH 1/10W 1.0	1	
R4741	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R4742	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
T4701	ELL12R201	TRANS.	1	
TP4701-O4	VJR0548	TEST POINT	4	
TPG	VJR0548	TEST POINT	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VC4701	ECV12W6QX53T	V.CAPACITOR 60P	1	
		MISCELLANEOUS		
	VMP3871	P.C. BOARD HOLDER ANGLE	1	
	XSB26+6FR	SCREW	1	
	VEP80749A	P.C. BOARD W/COMPONENT MECHA 1/F		
POO1,02	VJP3168AO50	CONNECTOR (MALE)	2	
P3	VJS3268	CONNECTOR (FEMALE)	1	
R7101	EXBM16P181J	COMBI.R-R 180K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP86112A	P. C. BOARD W/COMPONENT		
		LCD		
		CAPACITORS		
C6501	ECST1VY334Z	T. CAPACITOR CH 35V 0.33U	1	
C6502	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	1	
C6503	ECST1CD336Z	T. CAPACITOR 16V 33U	1	
C6504,05	ECUX1H330JCV	C. CAPACITOR CH 50V 33P	2	
C6506	ECUX1H150JCV	C. CAPACITOR CH 50V 15P	1	
C6507-09	ECUX1C1042FV	C. CAPACITOR CH 16V 0.1U	3	
D6503,04	MA141WK	DIODE	2	
D6505	MA701	DIODE	1	
D6506	LN21CALU	LED	1	
D6507	LN1236CP4	DIODE	1	
IC6501	D75P316A012	IC	1	
IC6503	MAX8211CSA	IC	1	
LCD6501	EDD085ZK6A4P	LCD	1	
P4501	VJP1599T	CONNECTOR (MALE) 6P	1	
P4502	VJP1601T	CONNECTOR (MALE) 8P	1	
P4503	VJP1600T	CONNECTOR (MALE) 7P	1	
P6501	VJP1610T	CONNECTOR	1	
Q6501	UN5112	TRANSISTOR	1	
Q6502	2SB1218	TRANSISTOR	1	
Q6503	2SD1819A	TRANSISTOR	1	
Q6504	2SB1218A	TRANSISTOR	1	
Q6505	UN5111	TRANSISTOR	1	
Q6506-09	2SD1819A	TRANSISTOR	4	
Q6510	UN5112	TRANSISTOR	1	
		RESISTORS		
R4601	VRE0034E822	M. RESISTOR CH 1/10W 8.2K	1	
R4602	VRE0034E152	M. RESISTOR CH 1/10W 1.5K	1	
R4603	VRE0034E331	M. RESISTOR CH 1/10W 330	1	
R4604	VRE0034E822	M. RESISTOR CH 1/10W 8.2K	1	
R4605	VRE0034E152	M. RESISTOR CH 1/10W 1.5K	1	
R4606	VRE0034E331	M. RESISTOR CH 1/10W 330	1	
R6501	ERJ3GEYJ154	M. RESISTOR CH 1/16W 150K	1	
R6502	ERJ3GEYJ563	M. RESISTOR CH 1/16W 56K	1	
R6503	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	
R6504	ERJ3GEYJ153	M. RESISTOR CH 1/16W 15K	1	
R6505	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	1	
R6506	ERJ3GEYJ823	M. RESISTOR CH 1/16W 82K	1	
R6507	ERJ3GEYJ151	M. RESISTOR CH 1/16W 150	1	
R6508	ERJ3GEYJ391	M. RESISTOR CH 1/16W 390	1	
R6509	ERJ3GEYJ334	M. RESISTOR CH 1/16W 330K	1	
R6510,11	ERJ3GEYJ562	M. RESISTOR CH 1/16W 5.6K	2	
R6512-14	ERJ3GEYJ223	M. RESISTOR CH 1/16W 22K	3	
R6515-18	ERJ3GEYJ560	M. RESISTOR CH 1/16W 56	4	
R6520	ERJ3GEYJ221	M. RESISTOR CH 1/16W 220	1	
R6521	ERJ3GEYJ273	M. RESISTOR CH 1/16W 27K	1	
R6522	ERJ3GEYJ103	M. RESISTOR CH 1/16W 10K	1	
R6523	ERJ3GEYJ104	M. RESISTOR CH 1/16W 100K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6524	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6525	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6526	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6527	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6529	ERJ3GEYOR00	M.RESISTOR CH 1/16W 0	1	
R6530	VRE0034E153	M.RESISTOR CH 1/10W 15K	1	
R6531	VRE0034E244	M.RESISTOR CH 1/10W 240K	1	
R6532	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	
R6533	VRE0034E184	M.RESISTOR CH 1/10W 180K	1	
S606,07	VJP3420	CONNECTOR (MALE)	2	
SW6501	VSS0162	SWITCH	1	
SW6502,03	EVQPHB03T	SWITCH	2	
SW6504	VSS0228	SWITCH	1	
SW6510,11	VSS0228	SWITCH	2	
TP6501	VJRO548	TEST POINT	1	
VC6501	ECRJAO30E12	V.CAPACITOR	1	
VR4507-10	EVUNCA047A14	V.RESISTOR	4	
X6501	VSX0497	CRYSTAL OSCILLATOR	1	
X6502	VSX0094	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VHNO061	NYLON NUT	3	
	VEP84152A	P.C. BOARD W/COMPONENT		
		REC VR		
P4501	VJP1599T	CONNECTOR (MALE)	6P	1
P4502	VJP1601T	CONNECTOR (MALE)	8P	1
		RESISTORS		
R4601	VRE0034E822	M.RESISTOR CH 1/10W 8.2K	1	
R4602	VRE0034E152	M.RESISTOR CH 1/10W 1.5K	1	
R4603	VRE0034E331	M.RESISTOR CH 1/10W 330	1	
R4604	VRE0034E822	M.RESISTOR CH 1/10W 8.2K	1	
R4605	VRE0034E152	M.RESISTOR CH 1/10W 1.5K	1	
R4606	VRE0034E331	M.RESISTOR CH 1/10W 330	1	
VR4507,08	EVUNCA047A14	V.RESISTOR	2	

PAL

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP84153A	P.C. BOARD W/COMPONENT PB VR		
P4503	VJP1600T	CONNECTOR (MALE) 7P	1	
VR4509,10	EVUNCA047A14	V.RESISTOR	2	
	VEP80750B	P.C. BOARD W/COMPONENT DC INPUT SW		
D1,2	RK34	DIODE	2	
	VM22001	MISCELLANEOUS BARRIER	1	
	VEP80388A	P.C. BOARD W/COMPONENT HEAD PHONE JACK		
LA001-03	VLQ0256	COIL	3	
	VJJO159	MISCELLANEOUS H. PHONE JACK	1	